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Lancaster Farming

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1972 Lancaster County Dairy Princess Pageant Contestants

Veronica Bare

Patti Baltozer

Donna Book

Carol Kettering

Raelene Harbold

Brenda Kreider

Sharon Kreider

Karen Overly

Rhoda Stauffer

Janet Stoltzfus

Donna Welk

Judith Wilson

The Lancaster County Dairy Princess Committee this week announced twelve contestants for the Lancaster County Dairy Princess Pageant June 15 at the Farm and Home Center.

The contestants are: Donna Welk, Veronica Bare, Karen Overly, Judith Wilson, Brenda Kreider, Raelene Harbold, Donna Book, Carol Kettering, Patti Baltozer, Janet Stoltzfus, Rhoda Stauffer, and Sharon Kreider.

A dairy bar reception will be held at 6:30 p.m. followed by dinner at 7 p.m. preceeding the pageant June 15.

Tickets are available at the Lancaster County Extension office, from Curly Brantly, Atlantic Breeders, or Jay Landis, co-chairmen of the ticket committee, or from any pageant committee member.

A dessert party and briefing meeting will be held for contestants and their Mothers on June 7.

Mrs. Robert Gregory, Lititz RD1, Princess Committee chairman, expresses her appreciation for the good response to the contest.

The girls and a brief background sketch of them are as follows:

Miss Donna Welk, 16, is a daughter of Mr. and Mrs. Ira Welk, Quarryyville RD3. She is a junior at Solanco High School, and is active on the school hockey team and in the Future Homemakers of America.She is also a member of the Lancaster County 4-H Holstein Club and a member of Fulton Grange. She is active in the First Presbyterian Church of Strasburg and the Youth Fellowship.

Miss Veronica Bare, 18, daughter of Mr. and Mrs. John Bare, 419 Mt. Sidney Road, Witmer, is a senior at Conestoga Valley High School. She was active in the Crafts and Ceramics Club as well as a 4-H Foods and Sewing Club. A member of Stumptown Mennonite Church, she is also a member of the church youth group.

Miss Karen Overly, 17, is a daughter of Mr. and Mrs. Alfred Overly, Quarryville RD1. A junior at Solanco High School, she is a member of the school tennis team and the Future Homemakers of America. A Fulton Grange member, she is also active in the Little Britian Presbyterian Church.

Miss Judith Wilson, 17, is a daughter of Mr. and Mrs. Henry Wilson, Nottingham RD2. A junior at Solanco High School, she is in the high school band. She is also a member of the Pennsylvania Flying Farmers. She is active in the Little Britian Presbyterian Church and the choir.

Miss Brenda K. Kreider, 16, daughter of Mr and Mrs. J Floyd Kreider, Mount Joy RD2, is a member of the Lancaster County 4-H Holstein Club. She is a junior at Hempfield High School She is a member of the Mount Joy Mennonite Church and youth group

Miss Raelene Harbold, 17, is a daughter of Mr and Mrs Ray Harbold, Elizabethtown RD3, and a senior at Elizabethtown High School A member of the Lancaster County 4-H Holstein Club, she was an active member of County and State 4-H Dairy Judging teams She attends the Congregational Bible Church

Miss Donna Jean Book, 17, is a daughter of Mr and Mrs Roy H Book, Ronks RD1 A senior at Conestoga Valley High School, she is a member of the National Honor Society. She was also in the high school band and chorus She is a member of the Paradise Mennonite Church

Miss Carol Jean Kettering, 17, is a daughter of Mr and Mrs Henry Kettering, Lititz RD3 A senior at Manheim Township High School, she was a member of the high school chorus and theatrics club A member of the East Petersburg Church of the Brethren, she is active in the church youth group and helps in the Sunday School.

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Young Farmers to Study Forage

Jess Erway, Manheim Central vo-ag instructor, uses a specially equipped drill to remove a core sample from a bale of alfalfa hay. The sample will be used as part of an exhaustive study of alfalfa management.

About 80 Lancaster County Young Farmers are engaged in an alfalfa management study which will eventually lead to more comprehensive guidelines on producing top-quality hay and haylage

Don Hershey, Manheim RD2, is the guiding force behind the project Hershey is vice-president of Young Farmers Region 2, and chairman of that organization's education committee Hershey said that no one really knows enough about alfalfa management. There are no definite guidelines on exactly when to cut, fertilize and plant to get maximum value for every dollar invested in time and materials.

This is a problem Hershey hopes will be solved with the cooperation of area Young Farmers, vo-ag teachers and Penn state researchers. The vo-ag teachers involved are: Charles Ackley, Ephrata; Michael Burton, Penn Manor; Jess Erway, Manheim Central; and Donald Robinson, Garden Spot. Dr. Glenn Stevens and Bill Williams at Penn State are arranging for some of the project tests.

Extensive records will be maintained by the Young Farmers for each alfalfa stand involved in the study. Details will be recorded on seeding, fertilizing, cutting, cultivation, previous crops, pesticides, liming and so forth Intervals between cuttings will be recorded along with tonnages harvested from each cutting

At each cutting, one of the instructors will measure the yield per acre. Cores will be taken from sample bales and tested for moisture content. The cores will then be sent to Penn State where they will be analyzed for TDN (totally digestible nutrients), DP (digestible protein), fiber and net energy content

The study has just started and is expected to continue for a number of years. A mountain of data should accumulate during the course of the study. Plans are to use the data to prepare an alfalfa management manual for use in schools and programs throughout the state

The Koster Crop Tester, shown here, is an important part of the Young Farmer forage analysis program.

Farm Calendar

Monday, June 5

8 p.m. — Lancaster County Poultry Association board meeting, Farm and Home Center.

Tuesday, June 6

8 p.m. — Lancaster County Farmers Association board meeting, Farm and Home Center.

Dairy Fieldman's Conference, Penn State University, June 6 and 7.

Wednesday, June 7

4:30 p.m. — LCVATA meeting, Brownstown Vo-Tech School.

7:30 p.m. — Lancaster County Soil and Water Conservation District meeting, Farm and Home Center.

50th Anniversary, Eastern Milk Producers Cooperative Association annual meeting, Hotel Syracuse, Syracuse, N.Y.

Friday, June 9

7 p.m. — Pennsylvania Egg Marketing Association meeting, Holiday Inn, Ephrata RD.

Lancaster Farming Names New Editor

Richard E. Wanner, a Lancaster County native, has been appointed editor of Lancaster Farming. Wanner was once an associate editor with The Poultryman in Vineland, N.J., and has held advertising and public relations posts locally with New Holland Division of Sperry Rand and Armstrong Cork Co.

He is married to the former Judy Kulp of Ephrata. The Wanners have two children and live in Akron.

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, May 31

	Cattle	Calves	Hogs	Sheep
Today	1458	159	513	84
Last week	1044	95	353	43
Last year	1366	101	649	45
This weeks Auction	1483	157	486	84
Last weeks Auction	895	95	353	43

CATTLE — The largest receipts in the eight year history of Lancaster Cattle Auction Compared to last Wednesday, Slaughter Steers 25-50 higher, full advance on Choice and Prime; Cows weak to 50 lower, most decline on Utility; Bulls steady to 50 higher

SLAUGHTER STEERS — High-Choice and Prime 1075-1425 lbs 37.60-38.50; Choice 950-1430 lbs 35.85-38 00; high-Good and low-Choice 34.75-36 25; Good 33 25-36.00; Standard and low-Good 31.75-34.25.

SLAUGHTER HEIFERS — Choice 750-950 lbs 33.75-35.25; Good 31.50-33.60.

COWS — Utility and high-dressing Cutter 28.00-29.85; Cutter 26 50-28 25, Canner and low-Cutter 25.00-26.50.

BULLS — Choice 33 00-35 10, five head 35 35-36.35, Good 31.50-33 00, Utility and Commercial 32 00-34 50, four head 35 85-37.60

VEAL CALVES — Compared to Tuesday, Vealers 2 00 higher, instance 4 00 higher on Prime.

VEALERS — Prime 62.00-65 50, 12 head 66.00-67.50, Choice 56 00-62 00; Good 51 00-56.50, Standard 48 00-52.00; Utility 60-85 lbs. 32 50-38 00.

SHEEP — Spring Lambs 50-1.00 higher

SPRING LAMBS — Choice 70-100 lbs 36.00-38 00, few head 30-60 lbs 37 50-42 00, Good 60-85 lbs. 30 00-34 00

Regional Hay Prices

Regional Hay Prices
For Southeastern and South Central Pennsylvania
Tuesday, May 30

(All hay No 2 and better, prices paid by dealers at the farm price per ton)

Old crop hay slow, steady to weak Some dealers moving little or none New crop now on the market in most reporting areas

Old Crop Alfalfa, few	38 00-45.00
Old Crop Timothy hay	25 00-30.00
Old Crop Mixed hay	30.00-40 00
Straw	20.00-30.00
Mulch	15 00-20 00
New Crop Alfalfa, few sales	20.00-32.00
New Crop Mixed hay, few sales	20 00

Green Dragon

Livestock Sales
Ephrata, R. D. 3, Pa.

Walter Risser, Manager
Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12 30 P M.
- Hay & Straw Auction 1 00 P M.
- Beef Cattle & Veal Calves 11 00 A M

Lancaster Market

Tuesday, May 30

	Cattle	Calves	Hogs	Sheep
Today	287	97	918	58
Last week	928	162	805	190
Last year	547	134	639	38

CATTLE — Supply included an estimated 100 head Cows and Bulls being held for Wednesday's auction; balance of supply mainly Feeder Steers; no reported sales.

VEAL CALVES — Vealers strong to 1.00 higher; bulk 35-120 lbs. Calves returned to farm.

VEALERS — Prime 60.00-63.00, Choice 55.00-60.00; Good 48.00-55.00; Standard 42.00-48.00.

RETURNED TO FARM — Bulk 90-120 lbs. 48.00-55.00, with Holstein Heifers 55.00-60.00.

SHEEP — Spring Lambs strong to 1.00 higher; Ewes fully steady

SPRING LAMBS — Choice 50-90 lbs. 35.00-37 00

SLAUGHTER EWES — Utility and Good 5.00-12.00.

Peoria Cattle

Thursday, June 1

Receipts this week 4,200; last week 3,400; last year 1,450. As compared to last week's close, Average Choice and above grade steers 25-50 higher, below grades strong to 25 higher Slaughter heifers, cows and bulls steady to strong Supply mainly High Good and Choice slaughter steers and heifers, with several loads Choice and Prime, balance of receipts mostly cows.

Slaughter steers, High Choice and Prime 1225-1325 pounds 3-4 37 75-38 00. Mixed Choice and Prime 1175-1325 37.25-37.75, mostly 37 50. Choice 1000-1325 2-4, 36 25-37.25, including load 1400 pounds 37.25. Mixed Good and Choice 925-1225 34.75-36.25. Good 32 25-35.00. Holsteins 32.50. Standard Holsteins 31 50-32.00.

Slaughter Heifers, Load Choice and Prime 1100 pounds 3-4 36.75. Choice with few Prime 950-1040 2-4, 36 50 Choice 800-1050 2-4, 35.00-36 25 Mixed Good and Choice 750-975 34.00-35 00 Good 31 00-34.00.

Cows Commercial 25.25-27.00 Utility 25.50-28.50 Cutter 24.00-27 00 Canner 20.00-24 00.

Bulls. Utility and Commercial 29.00-33 00 some 33.50 and 33.75.

New Holland Dairy Cattle

Wednesday, May 31

Reported receipts of 110 cows, 9 heifers, 6 bulls; trend higher

Two loads Canadian cows, fresh and springers, 550-1,600.

Franklin County cows, 410-600.

New York State cows, 425-590.

Local cows, 275-490.

Open heifers, 150-215

Bred heifers, 285-395.

Bulls, 330-440.

Composite Report

Friday Weekly, June 2
Lancaster, Vintage, and New Holland Markets

	Cattle	Calves
This week	4600	1200
Last week	4641	1115
Last year	4680	1110

CATTLE — Slaughter Steers generally 25-50 higher during the week, although Thursday's sales fully 25 lower than last Thursday; Cows closed the week 50-1.00 lower, Bulls strong to 50 higher, full advance on Good and Choice. Supply included an estimated 70 percent Slaughter Steers, 10 percent Bulls, 11 percent Cows, balance of supply mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 1025-1425 lbs. 37.50-38.50, few 38.50-38.85; Choice 950-1450 lbs. 35.75-38.00, few late sales 38.50-35.75; high-Good and low-Choice 34.50-36.50; Good 33.00-36.00; Standard and low-Good 31.00-34.25.

SLAUGHTER HEIFERS — Choice 750-950 lbs. 33.75-35.25; Good 31.50-33 60

COWS — Utility and high-dressing Cutter 28.00-30.50, around 20 head 30.60-31.00, with six head 31.10-31.85; Cutter 27 00-29.50; Canner and low-Cutter 24.50-27 50.

BULLS — Choice 33.50-35.25, few 35.35-36.50, couple 37.10; Good 31.00-34.50, Utility and Commercial 31.50-35.50, few 35.50-37.60.

VEAL CALVES — Vealers uneven, Choice and Prime generally 1.00-2.00 higher, although Thursday's sale steady to weak; other grades fully steady

VEALERS — Prime 60.00-65.00; with around 12 head on Wednesday 66.00-67.50; Choice 55.00-62.00, Good 51.00-56.00, Standard 44.00-52.00; Utility 85-120 lbs 39.00-44.00, 60-85 lbs. 32 50-38.00.

RETURNED TO FARM — Bulk 90-120 lbs. 54.00-62.00, with Holstein Heifers 62.00-68.00, few 69.00-72.50.

New Holland Horse Auction

Monday, May 29

Reported receipts of 491 head of horses; market steady with last weeks market

Load Kansas riding horses, 135-375.

Load Iowa riding and driving horses, 122.50-475.

Work horses, single, 175-275; pairs, 340-710.

Ponies, 5-15; Larger Ponies, 15-35; Killers, 8-10.

Vintage Auction

Tuesday, May 30

	Cattle	Calves	Hogs	Sheep
Today	1205	476	359	32
Last year	774	496	496	85
Last year	1099	443	695	131

GOATS — Today 8; Last week 9.

CATTLE — Compared to last Tuesday, Slaughter Steers 25-75 higher; Cows steady to 50 lower with the decline on Utility; Bulls strong to 50 higher. Supply included 15 percent Cows and 10 percent Bulls.

SLAUGHTER STEERS — High-Choice and Prime 1050-1425 lbs. 37.75-38.85; Choice 950-1450 lbs. 36.25-38.00; high-Good and low-Choice 34.75-36.50; Good 33.75-36.00; Standard and low-Good 31.50-34.25.

COWS — Utility and high-dressing Cutter 28.00-29.75, few 29.85-30.60, Cutter 27.00-29.00; Canner and low-Cutter 24.50-27.00.

BULLS — Choice 34.00-36.00; Good 31.00-34.00; Utility and Commercial 31.50-34.50, few 34.50-35.75.

VEAL CALVES — Vealers steady to strong, instances 1.00 higher on Choice and Prime; Good demand for Calves returned to farm.

VEALERS — Prime 60.00-62.00, few 62.50-63.50; Choice 55.50-60.00; Good 50.00-56.00; Standard 44.50-52.00; Utility 39.00-44.00.

RETURNED TO FARM — Bulk 90-120 lbs. 54.00-62.00, with Holstein Heifers 62.00-68.00, few 69.00-72.00.

SHEEP — Market not reported.

Local Grain

Thursday, June 1

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, June 1, 1972 are as follows:

	Bid+	Offered+
Ear Corn	39.00	45.33
Shelled Corn	1.39	1.56
Oats (local)	.71	.95
Oats (western)	1.00	1.10
Barley	1.01	1.26
Wheat	1.41	1.63

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill

Green Dragon Dairy Cattle

No market reported this week.

New Holland Auction

Thursday, June 1

	Cattle	Calves	Sheep
Today	1377	439	30
Last week	1165	350	37
Last year	1423	390	33

CATTLE — Compared to last Thursday, Slaughter Steers 25-50 lower; Cows 50-1.00 higher, instances 1.50 higher; Bulls strong to 50 higher, Good and Choice mostly 50 higher. Supply included 16 percent Cows and 16 percent Bulls

SLAUGHTER STEERS — High-Choice and Prime 1025-1300 lbs. 37.50-38.35; Choice 950-1350 lbs. 35.75-37.85, few sales 35.50-35.75; high-Good and low-Choice 34.50-35.85; Good 33.00-35.50; few Standard 31.00-33.75.

COWS — Utility and high-dressing Cutter 28.75-30.50, 16 head 30.60-31.00, with six head 31.10-31.85; Cutter 27.50-29.50; Canner and low-Cutter 25.00-27.50.

BULLS — Choice 33.75-35.25, few 36.00-37.10; Good 31.50-34.50; Utility and Commercial 32.00-35.50, few 35.50-37.10, individual 1960 lbs. 38.50.

VEAL CALVES — Vealers weak to 2.00 lower, Utility mostly steady; Good demand for Calves returned to farm.

VEALERS — Prime 60.00-65.00; Choice 55.00-60.00; Good 51.00-55.00; Standard 44.00-52.00; Utility 80-110 lbs. 40.00-44.00.

RETURNED TO FARM — Bulk 85-120 lbs. 57.00-62.00, with Holstein Heifers 64.00-72.50.

SHEEP — Spring Lambs 1.00 higher.

SPRING LAMBS — Choice 60-90 lbs. 35.00-38.00, few head 25-40 lbs. 42.00-47.00.

Monday, May 29

Calf Receipts 56- Market $1.00 higher. Choice and Prime 58-64.50; Standard 46-52; Good and Low Choice 52-58; Common 35-45.

Monday, May 29

Prices Per Ton:

16 loads hay & 7 loads straw.

Timothy, few loads 33.00-47.00; Mixed hay 31.00-42.00, one load 55.00; Clover, one load at 40.00; Orchard Grass, one load at 47.00; Straw 35.00-40.00.

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Hog Prices

Vintage Auction

Tuesday, May 30

Barrows and Gilts steady, instances 50 lower on US 1-2.

Barrows and Gilts: US 1 200-235 lbs. 28.00-28.25; US 1-2 200-240 lbs. 27.75-28.00; US 2-3 190-245 lbs. 27.25-27.75.

Saturday, May 27

Hogs 690: Barrows & Gilts: Steady to 25c higher. US No. 1-2 195-240 lbs. 27.85-28.35; US No. 1-3 200-245 lbs. 27.35-27.75; US No. 2-4 250-260 lbs. 26.00-27.10; US No. 2-4 155-185 lbs. 23.75-26.00.

Sows: US No. 1-3 375-510 lbs. 20.00-22.00.

Boars: 21.00-21.50.

Indianapolis Auction

Hogs: 3000. Full steady, fairly active. US 1-2 200-240 lbs. 26.50-27.00; 20 head 27.25; 1-3 200-250 lbs. 26.00-26.50.

Peoria Auction

Hogs: 4500. Active, opening mostly 25 higher on wts. under 240 lbs.; heavier wts. not established. US 1-2 200-220 lbs. 26.75-27.00; 1-3 200-240 lbs. 26.25-26.75.

New Holland Auction

Monday, May 29

Hogs 829: Barrows & Gilts: Steady, with spots 50c higher US No. 1-2 200-240 lbs. 28.00-29.50; US No. 1-3 190-240 lbs. 27.25-27.75; US No. 2-4 235-260 lbs. 27.00-27.50; US No. 2-4 170-190 lbs. 25.50-26.50.

Sows: US No. 1-3 300-550 lbs. 22.00-23.50.

Boars: 21.00-22.50.

Lancaster Market

Tuesday, May 30

Barrows and Gilts steady, instances 25 lower.

Barrows and Gilts: US 1 200-230 lbs. 28.50-29.00; US 1-2 200-240 lbs. 27.50-28.00; US 2-3 190-250 lbs. 27.25-27.50.

Lancaster Auction

Wednesday, May 31

Compared to Tuesday, Barrows and Gilts 50 lower, instances 1.00 lower.

Barrows and Gilts: US 1 220-245 lbs. 28.00; US 190-260 lbs. 26.85-27.35.

St. Louis Auction

Hogs: 5000, steady to 25 higher. US 1-3 200-230 lbs. 26.75-27.00; 40 head sorted US 1 210-215 lbs. 27.25; 2-3 220-250 lbs. 26.00-26.75.

Lebanon Valley Auction

Tuesday, May 30
285 Head Hogs

Barrows and Gilts weak to 75c lower

Barrows and Gilts: US 2-3 200-245 pounds 27.25-27.75; 2-4 195-250 26 75-27.10.

Sows· US 1-3 300-450 pounds (few) 22.10-22.85; 2-3 300-575 (few) 21.60-22.10.

Boars: (few) 20.10-20.85.

Ilium's Site

It is generally accepted that a small mound called Hissarlik, about three miles from the Hellespont in Asia, is the site of Ilium, the ancient city of Troy

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	377,000	887,000	120,000
Same period last week	473,000	1,177,000	146,000
Same period last year	394,000	1,060,000	121,000

Omaha Cattle

Thursday, June 1

Compared with last weeks close, slaughter steers 50-75c higher and heifers 25-50c higher. Best demand for Choice and Prime with many of these at full advance. Cows and bulls strong to 50c higher. Small feeder supply fully steady.

Three day receipts for holiday period 15,300 as compared 18,100 previous week and 17,400 a year ago. Slaughter steers approximately 46 per cent, Heifers 38 per cent. Overall finish of steer supply fairly attractive with liberal percentage Choice and moderate volume High-ChoiceandPrime.

Predominance High-Good to Average Choice heifers Demand broad following long non-slaughter holiday weekend. This marked seventh week of advancing prices and average cost slaughter steers some 2.13 higher than for first week of April Fresh upturns in live prices solidly supported by higher quotations on carcass beef. Cows 9 per cent and feeders 5 per cent.

Steers: A load High-Choice and Prime 1226 pounds 3-4 38.00, four loads same grade 1135-1175 3-4 36.60-36 65. Twenty-five loads High-Choice and Prime 985-1247 3-4 37.25-37.50 during week. Choice 975-1275 2-4 closed 36.25-37.35. Mixed Good and Choice 950-1250 35.50-36.25. Good 32.25-35 50. Standard and Low-Good 31.00-32.25

Average cost slaughter steers for two days 35.98 average weight 1133 pounds as compared 35.57 and 1134 pounds previous week and 32.39 and 1135 pounds a year ago.

Heifers· Two loads High-Choice and Prime 975-993 pounds 3-4 36.75-37.00, moderate volume Choice and Prime 876-1057 yield grade 3-4 36.35-36.50 during week. Choice 825-1025 yield grade 2-4 35.25-36.50. Mixed Good and Choice 775-975 34.50-35.25. Good 31.50-34.50. Standard and Low-Good 29 50-31.50.

Cows: Utility and Commercial 25.00-27.00. Canner and Cutter 22.50-25.00. Mixed Cutter and Low-Utility 25.25-25.50. Shelly Canner 20.00-22.00

Bulls: Utility, Commercial and Good 27.50-31.50, Commercial 1-2 32.00-33.00 Cutter and Low-Utility 24.50-27.50.

Feeders: Outshipments approximately 800 head little changed from previous week, supply mainly fleshy two-way steers Prices fully steady

Choice 808-1116 pound 35 50-36 25, High-Good and Choice 950-1100 34 75-35 50 Two loads Good 1092 pounds partly fattened Holsteins 31 25

Load Choice 553 pound heifers 40 00, High-Good and choice 764-795 34 35-35 00

Futures Trading

(Closing bids as of Thursday, June 1)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
April	36 30	28.27		24.60
July		28 75		29 45
August	35 95	27.80		33 65
September				39.55
October	34 60	26 30		38 75
November			2 82	41.70
December	34.75	26 75		42 30
January '73				41 00
February	35.15	26 20		
March			3 10	
April	34 87	24.40	3.30	
May			3 85	

Trend—Cattle are lower, Hogs are steady, Potatoes are steady and Eggs are stronger

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Oklahoma City

Thursday, June 1

Estimated Receipts	14,000
Same Day Last Week	12,431
Same Day Last Year	9,421

Active, feeder cattle over 500 pound fully steady, instances 50c higher on heifers; feeder calves under 500 pound scarce, not enough sold to fully test the trend but represented sales on a stronger basis. Bulk of receipts High Good and Choice 500-850 pound steers and 500-700 pound heifers.

Sales as of 12:30 P.M.

Feeder Steers: Shipment mostly Choice 190 pound steers 57.00, scattered lots Choice, few Prime 375-475 47 50-52 00, 500-600 40.75-45.75, few lots 500-540 46 25-47 50, 600-700 38.50-41.00, 700-800 38 00-39.25, 800-925 37 00-38.50, Mixed Good and Choice 350-500 42 00-44.00, 500-800 37 50-41.00, 800-900 35 50-37.50 Standard and Good 665-1000 Holsteins 32 00-35.50

Feeder Heifers· Few Choice 400-500 pound heifers 38 25-40 00, Choice, few Prime 500-600 36 50-38.50, 600-725 35.75-36 25 Mixed Good and Choice 525-700 35 75-36.75

Lebanon Valley Auction

Tuesday, May 30
343 Head Cattle

Compared with last Tuesday's market, slaughter steers 25c to 50c higher Slaughter cows 50c to $1 50 higher Slaughter bulls 50c to $1 higher

Steers Choice 950-1250 pounds 35 85-36 60, individual at 37 00, Good 34 00-35 75, Standard 32 00-33.85, Utility 30 25-31 85

Heifers Choice (couple) 34 00 and 33.85, Good (few) 33 00-33 50, Standard (few) 29 85-32 60, Utility (few) 28 75-30 10

Cows Utility and High Dressing Cutter 8 00-30 35, couple to 30.85, Cutters 27 00-28 35, Canners 24 50-26 75, Shells (few) down to 22 75

Bulls Good 33 75 36 75, individual at 37 10, Utility and Commercial 32 00-34.60, Cutters (few) 29 85-31 00

208 Head Veal Calves

Vealers steady to $2 higher

Prime 58 00-60 00 Choice 55 00-58 00, Good 53 00-55 00, Standard 51 00-53 00, Utility 90-120 pounds 45 00-50 00, 70-85 pounds (few) 40 50-43 00

Farm Calves Bulls 80-110 pounds 45 00-58 00, Heifers 85-125 pounds 54 00-69 00

Green Dragon Hay Market

Friday, May 26

25 loads hay, including Few loads Alfalfa, 29 00 - 44 00, few loads Timothy, 28 00 - 44 00, Mixed hay, 28 00 - 44 00, one load Bromegrass, 43 00

23 loads straw, 34 00 - 38 00

One load corn, 40 50

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Poultry Market Reports

Eastern Pa. and N.J.

HENS

Wednesday, May 31

Prices held unchanged though generally firm on light type hens. Farm offerings though occasionally increased still short of a good processors demand as plants continue to operate only part-time Offerings of heavy type hens short for a fair demand. Prices paid at farm: Light type hens 5-7¼ mostly 7-7¼ in Pa., mostly 6-6½ in N J. Heavy type hens TFEWR

Fogelsville

Auction Report

Tuesday, May 23

(Prices paid dock weights, cents per pound, except where noted).

Hens, heavy type 7- 17½, mostly 10- 16, Pullets 28½- 30; Roasters 22- 31½, mostly 26- 28; Ducks 30- 31: Rabbits, 45- 66½, mostly 65- 66; Guineas 65½- 70 Pigeons (per pr) 1 19-5 10.

Total coops sold 215.

Auction every Tuesday. Poultry received Monday 7 P.M to 10·30 P M , Tuesday 7 A M. to 12 Noon Sale at 11·30 A.M

Delmarva

Wednesday, May 31

Ready-to-cook movement good in filling empty pipelines. Delmarva slaughter continues at record levels as processors attempt to fill needs and reduce ample live supplies Less than trucklot prices held unchanged on both Plant and U. S. Grade A. Live weights still slightly heavier than desired at some plants. Undertone fully steady to firm. Pool trucklot prices for Thursday arrival: US Grade A 28½-32; M 29-29½; Plant Grade 27½-30; M 28-28½.

Weekly New York Egg Market

(From Tuesday, May 30th to Friday, June 2nd)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	HOLIDAY	32	32	32	32
Large		29	29	29	29
Mediums		23	23	23	23½
Pullets		19	19	19	19
Peewees		13	13	13	13
BROWN					
Fcy. Large		30	29	29	29
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards		25	25	25	25
Checks		16	16	16	16

Long Tone - Jumbos short, Extra Large close, Large ample, Mediums irregular, demand improved, breakers about steady.

New York Eggs

Wednesday, May 31

Prices generally unchanged. Demand slow to fair with best call for mediums and extra large. Receipts light to moderate. Shipping point offerings ample on large with eggs previously delivered against May futures offered for resale locally at mostly 25c Floor stocks ample on large, short on jumbos, and irregular on smalls; extra large adequate with most street sales at 29c. Mediums adequate for regular customers with some outside inquiry unfilled Carton demand fairly good for spotty retail ads, fair otherwise. Undertone barely steady on large.

Chalice of Antioch

The Chalice of Antioch is a plain metal cup set in a goblet of carved silver, found in 1910 by Arab workmen at the ruins of Antioch It has been thought to be the Holy Grail or the lost cup out of which Jesus drank at the Last Supper

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Richard E Wanner, Editor
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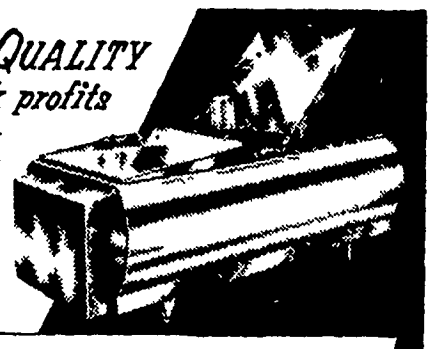

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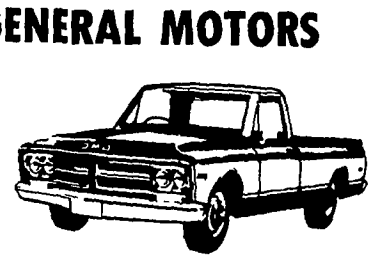

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Dairy Princess

(Continued From Page 1)

Miss Patti Baltozer, 17, daughter of Mr. and Mrs. George Baltozer, 600 Summit Drive, Lancaster, is a junior at Hempfield High School. She is in the school Art Club and Red Cross Club. A member of Hempfield United Methodist Church, she is active in the church youth group and Sunday School

Miss Janet Stoltzfus 16, is a daughter of Mr. and Mrs. Omar Stoltzfus, Quarryville RD3 A junior at Solanco High School, she is active in a church youth group

Miss Rhoda Stauffer, 16, is a daughter of Mr and Mrs. Clarence Stauffer, Ephrata RD1. A junior at Ephrata High School, she is on the school hockey and basketball teams She is a member of the Lancaster County 4-H Holstein Club, and active in the Hopeland United Methodist Church

Miss Sharon Louise Kreider, 16, daughter of Mr and Mrs Noah Kreider Jr. Manheim RD3, is a junior at Manheim Central High School She is active in the Lancaster County 4-H Baby Beef Club and 4-H Sewing Club She is a member of the school chorus and the band color guard She is a Youth for Christ member

Last year's winner from among seven contestants was Miss Susan Kauffman, daughter of Mr. and Mrs Robert H Kauffman, Elizabethtown RD1

The local winner will have all her expenses paid by the Pennsylvania Dairy Federation while at the state contest in Harrisburg. She will receive prizes at the local contest, plus the opportunity to make appearances and serve the local dairy industry during her year of reign.

Egg Industry Posts

Pennsylvania is moving to improve its position as the fifth leading egg producer in the nation, according to figures released by the Pennsylvania Crop Reporting Service.

April egg production in the state was 314,000,000, a nine percent increase over the same month a year ago while total egg production in the U.S. remained the same.

Other indicators that point to a record production year are the increase of eggs per layer in

Hefty April Gain

April, 1972 over last April, 3.6 per cent, and the rate of lay per 100 chickens on May 1, up six per cent from the preceding year.

Not only has efficiency increased but the size of the Commonwealth flock is also up nearly five per cent to 15,759,000.

Bad news for the farmer in the face of all this productivity is that he is now being paid six cents per dozen less than he was a year ago.

Why Do Wives Work?

Why does a wife work? Extension home management specialists at Pennsylvania State University say that the need or desire for more money is the most common incentive for a woman to supplement her husband's income. Working women usually want to improve the level of living for their families--perhaps a new home, new furniture or a vacation. Many mothers want to work to provide an education for their children. And wives work to get out of debt by paying the bills accumulated by the family. some women work for personal as well as economic reasons. They find the challenge of meeting new people and performing new tasks rewarding and enjoyable--a change from the household routine.

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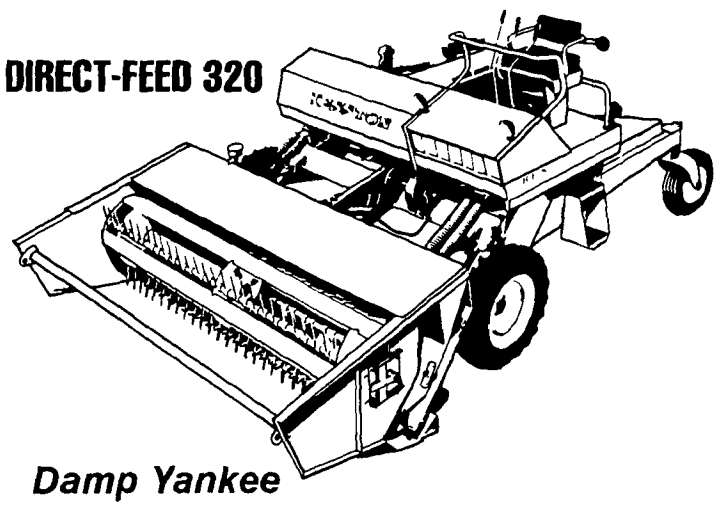

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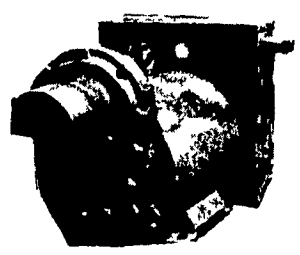

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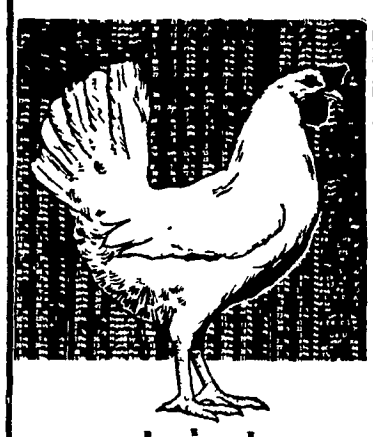

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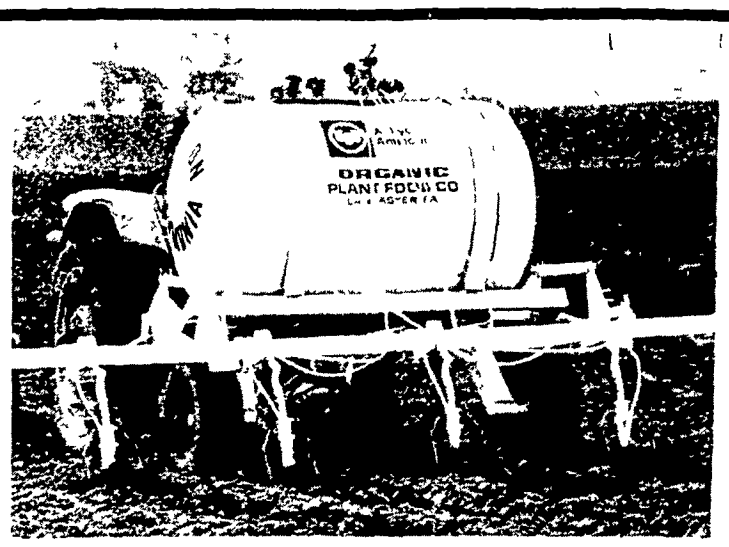

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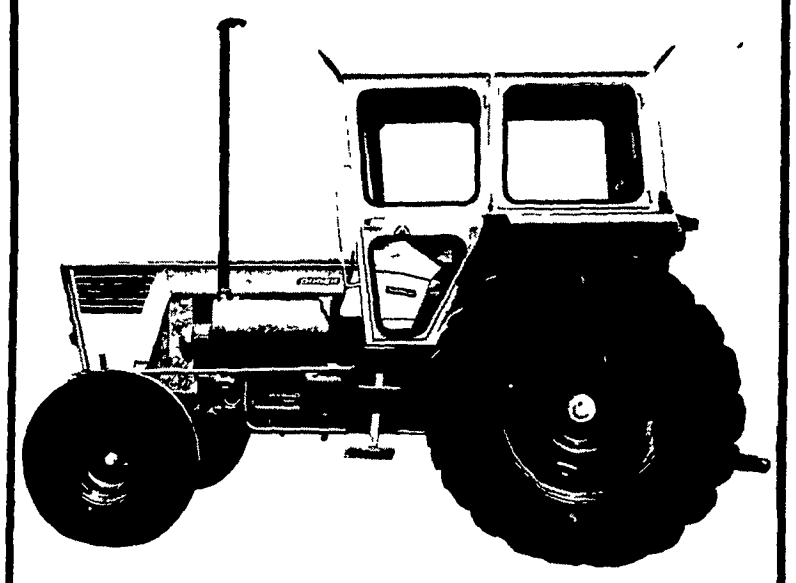

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Charles Gable Honored at National Ayrshire Meeting

Charles H. Gable, owner of Conebella Farm, Elverson, earned his 14th Constructive Breeder Award presented at the 97th National Ayrshire Dairy Cattle Convention in Rochester, Minn.

Nearly all states were represented plus officials and Ayrshire owners from four Canadian Provinces and Guatemla, C. A. A new attendance record was achieved with nearly 400 persons attending the convention and over 600 at the National Sale.

Awards and honors were presented by National president Philip Schuyler and executive secretary David Gibson Jr at the National Awards Banquet Gable was present at the banquet to acknowledge the following honors:

On a strictly twice-a-day milking schedule for 305 days, the cows made an annual production average of 14,214 pounds of milk and 571 pounds of butterfat, M. E. (Mature Equivalent) The herd has a type classification score average of .856 and 97 per cent of the herd was bred by Gable.

Three of Conebella's older matrons were recognized for their lifetime milk production achievements of 100,000 pounds during 1971.

They were: Conebella Ruth, 124,872 pounds milk, 4,945 pounds butterfat; Conebella Pat, 114,019 pounds milk, 4,297 pounds butterfat, and Conebella Mamie with 109,545 pounds milk, 4,634 pounds butterfat. They received special certificates for their achievements

Another of Gable's older matrons was recognized for her lifetime achievement of 150,000 pounds during 1971. Conebella Heather Princess received a certificate for her records of 151,321 pounds milk and 6,350 pounds of fat

In reaching these production levels, the cows were never milked more than twice-a-day and records were checked by Penn State University's Department of Official Testing

The Grassland FFA Chapter at New Holland is applying for the Gold Emblem Award. The National Chapter Award program is designed to encourage and reward Chapter effort and FFA member's participation in group activities, which generally results in improved local programs of activities that are planned with goals based primarily upon the needs of the members, the school and the community. The Gold Emblem Award is given to superior Chapters throughout the United States. The Grassland Chapter has received this award twice in the last seven years. Two FFA members are among those involved in the paper work involved in applying for the Award. Thev are, left to right: Delmar Weaver, Chapter treasurer; Jim Zimmerman, Chapter president, and Clifford Day, Chapter Advisor.

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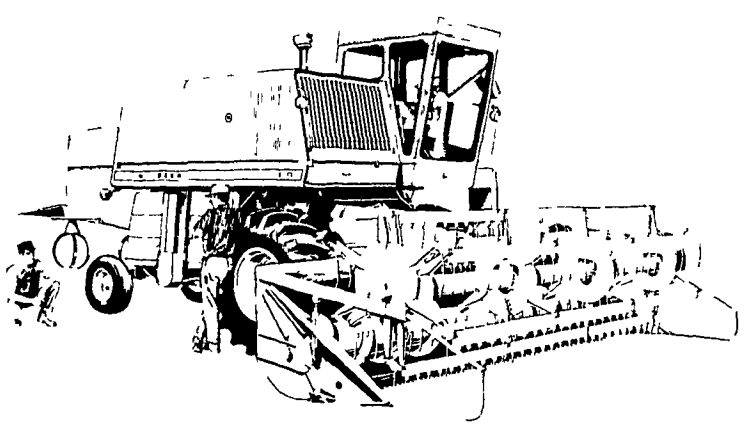

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Animal Researchers Look for Unknown Growth Factor in Hay

A lot of farmers have been making it easy for their cows to digest their feed in recent years, and as a result, a lot of good, high producing dairy cows are dying prematurely at considerable loss to their owners That's the gist of recent articles in a variety of farm publications by some top-notch veterinarians from around the country

The desire to mechanize feeding operations has seen many farmers cutting back on the amount of hay they've been feeding dairy animals. Silage has become an important part of dairy animals' feeding programs because it can be fed mechanically, and a lack of labor has forced more and more automation on farmers.

The problem, according to the many vets, is that the expanded use of silage feeds has lessened the work a cow must put into digesting her food, and less stimulation for her digestive system which is an important part of her milk production mechanism

As a result, the internal makeup of many cows is being altered, causing shrinking of the rumen and enlargement and twisting of the abomasum, leading to a variety of disorders, some of which prove fatal a short time after symptoms appear

Dr Samuel Guss, Penn. State veterinarian, noted recently that lack of good hay in the period before calving can mean a cow is headed for trouble Dr. Guss points out that the dairy cow's rumen is a large "mixing vat" where food is digested and turned into meat and milk.

Powerful bands of muscles around the rumen provide the churning action and move digested feed through the digestive tract where the nutrients are removed. A normal 1,200 pound cow has a rumen capable of holding 180 to 200 pounds of feed and water, according to Dr. Guss.

When a cow fails to get the coarse, hard, stemmy fibers associated with hay during the late lactation and dry period, the muscles work less and as a result the rumen shrinks allowing other organs to shift. After a cow has her calf, Dr Guss says, there's a good chance she'll suffer from "twisted stomach," a condition veterinarians have been seeing more of in recent years

A three year study of high-silage and grain feeding practices made at Cornell University has turned up some startling evidence that a no-hay diet not only leads to pesky problems and loss of milk production, it can also mean abnormally high mortality in dairy herds.

A Cornell report issued last year showed that nine out of ten cows fed only liberal amounts of grain and silage either died or had to be slaughtered before their third lactation However, nine out of ten cows which had all the hay they wanted, along with rations of grain and silage, made it throught the third lactation.

The Cornell research team fed other groups of cows varying amounts of grain, hay and silage with results that ranged between the two extremes mentioned. Death losses weren't high for any cow groups which got at least eight pounds of hay per day.

Cows which were on the all silage and grain diets with no hay seemed to lack resistance to disease and reproductive disorders. The Cornell tests are still being studied.

In Michigan, dairy scientists are calling similar problems the "Fat Cow Syndrome" and are conducting similar research projects in the area of dairy cow feeding Dairy specialist Don Hillman says the barn boss at Michigan State University has reported long hay is a sure cure for off-feed cows on high grain and high corn silage rations.

Veterinarian L C. Allenstein has reported several recent cases he and his partner treated in which cows had suffered from abomasal ulcers. He, too, laid part of the blame for these and some other cow disorders to "increased grain feeding, lack of long stemmed hay, increased silage and haylage feeding and increased chopped feeds "

All sorts of substitutes for hay have been tried in recent years, ranging from plastic pellets to old newspapers and sawdust. Some of these show promise, but none of the substitutes seem able to do the job that hay does in keeping a cow healthy.

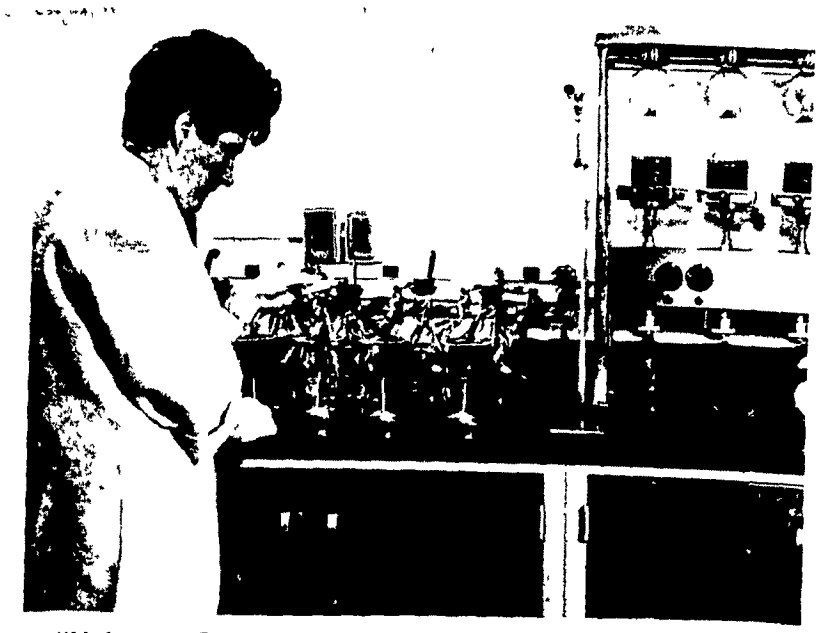
One of the reasons for this, according to James Stere, a researcher and well-known authority for Sperry Rand's New Holland farm equipment division, is that hay contains an "unknown growth factor," or UGF as animal researchers have come to call it.

In a discussion at the National Hay Association convention in North Carolina recently, Stere said there is no substitute known for UGF.

"There is a great deal of research, money and talent being directed to the study of these factors in an effort to isolate and identify the ingredients that account for good growth in cows," Stere said.

He added that the nutritive and physical value found in good quality hay have not been equaled by any of the substitutes which include corn cobs, oyster shells, straw, sugar cane and cotton burrs in addition to the newspaper and sawdust experiments.

It seems that a cow just has to have good quality hay in her diet if she's going to remain healthy and productive, Stere said.



"Unknown Growth Factor", or UGF as animal researchers have come to call it, is contained in hay. Laboratory technicians are attempting to isolate and identify that factor which accounts for good growth in cows. Cornell University researchers report that 90 per cent of a dairy cow sample under study, which were fed rations of only grain and silage with no hay, either died or had to be slaughtered before their third lactation.

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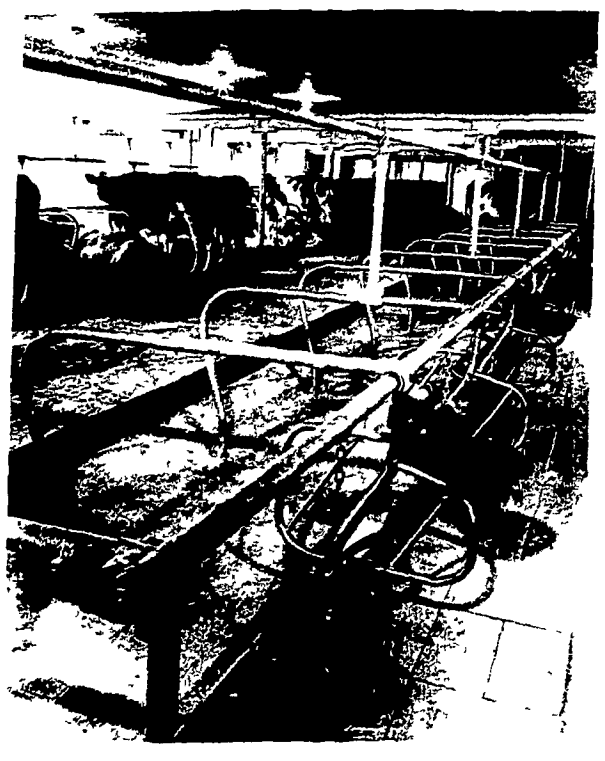

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June is dairy month

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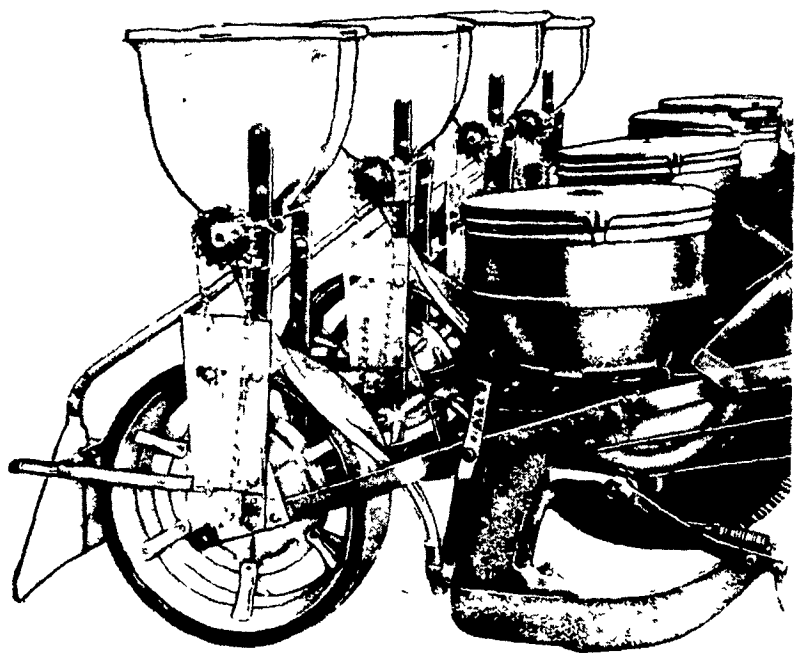

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Milk-Part I

Milk marketing in Pennsylvania is a subject being hotly debated these days. And there's no cooling off in sight.

Harry Kapleau, chairman of the Pennsylvania Milk Marketing Board is reportedly working very hard to be fair to everybody "Everybody" includes milk producers, dairies and consumers. Each group has its own special interests. Obviously, in being fair to everybody, it'll be difficult to please everybody. It might even be impossible to please anybody Kapleau and the Board have a difficult job ahead of them, and we wish them luck and success in the months ahead

There are many questions, many sides to each question, and it's difficult at times to tell which group is on which side of which question. For example, the Board approved a reduction in milk prices for the Pittsburgh market. This action is being contested by, of all people, a consumer group.

Quite frankly, we don't know what to expect. But in this column we hope to take a look, now and then, at developments in the milk marketing situation. We will try to present opinions and facts from all sides. As developments occur, we will try to appraise their effect upon the dairy industry in general, and Lancaster County dairying in particular.

To that end, we welcome comments from all concerned.

Guest Editorial

Editor's Note: The Guest Editorial for this week was prepared by Nick Ferrant, Jr, crop specialist with Agway, Inc.

Soybeans Get a Good Stand

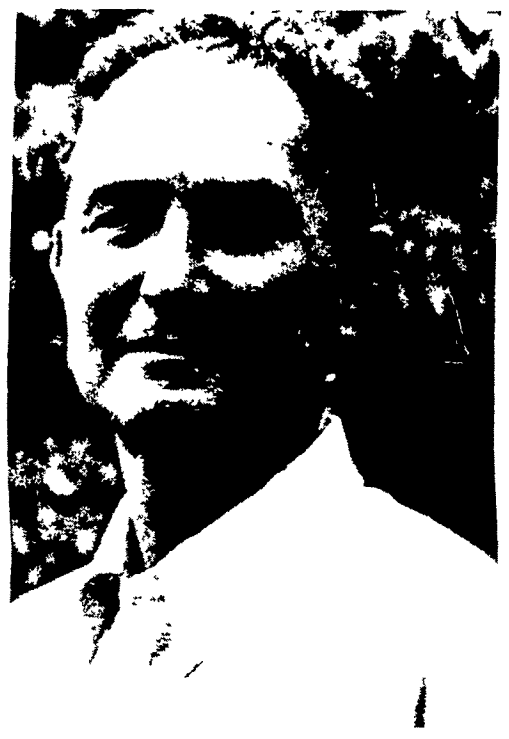
Every crop has its most critical period, and for soybeans, it's getting a good emergence If we get a good stand, we have an excellent chance for a good crop

The soybean is a warm weather crop and should not be planted until the soil is good and warm Planting in a cold soil means a slow germination, giving soil disease organisms plenty of time to invade and rot the seed Seed treatment will help some, but not enough Most growers are aware of the need for seed treatment this year, though, but for other disease reasons.

Probably most soybean stands are lost due to a crusting soil than any other reason If beans are planted too early, an early rain, followed by a drying period, allows a crust to form before germination The bean plant must pull its head up with it when it germinates, and a hard crust results in broken necks and poor emergence The sharp grower will be watching carefully, and if a crust forms, move in at once with a rotary hoe or spike tooth harrow One days delay could lose a good part of the stand

Later planted beans can crust, but the chances are less, since they emerge in four to five days But if a crust does form, move in a break it fast

Reduced stands can be caused by other factors too If your seed has a low germination and you did not increase seeding rate, you are in trouble In many fields seed corn magget or seed corn beetle can do



Nick Ferrant Jr
Crop Specialist
Agway, Inc.

damage, but seed treatment will control most of them Some growers plant too deep, and the bean just can not struggle the long distance to the surface. Plant at one-and-one-half inches in normal soils and no more than two inches in dry soils.

On many farms, a poor stand is often caused by the farmer not planting enough seed We think a good planting rate is 140,000 to 150,000 seeds per acre. If you change row spacing, change size of seed, or your planter is not calibrated correctly, wrong seeding rates can occur.

The name of the game is profit, and it's no profit with no plants. So plan on the population you want, and get it, by being attentive to all details.

Double Burden

The statistics say that the federal government is now a larger dispenser of fringe benefits than private industry In 1970, fringe benefits in private industries amounted to 26 6 percent of basic wages and salaries while the figure for the federal government was 27 8 percent. This contrasted with the last survey made by the U S Labor Department in 1968, when private employer expenditures came to 25 1 percent and the federal government's were 24 3 percent.

The image of government as a progressive employer compared to private enterprise should be tempered by the fact that private enterprise carries a double burden. It must pay for its own fringe benefits as well as put up the taxes that go to support the fringe benefits of those who work for government. It is hardly a fair comparison.

NOW IS THE TIME . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Be Alert for Armyworms

We have had a few reports of armyworms feeding on corn grown under the no-till methods. This was experienced last year on fields that had considerable mulch or cover. The most severly infested fields were the ones with winter rye being killed by a herbicide, then planted to corn. These worms will appear suddenly and may consume several acres in a few days; they may be more severe near woodlands. The control requires a cover spray with Sevin or Dylox as soon as worms are found; one spraying is usually sufficient to remove the problem Growers are urged to be on the alert for these worms in corn fields with heavy mulch or vegetative cover.

To Cultivate Carefully

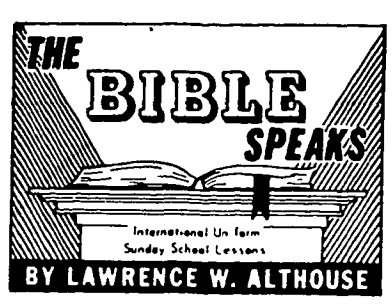
In many crops the modern method of weed control includes the use of a herbicide and little, if any, cultivation, however, when the cultivator is used growers are urged to respect the roots of the crop and not get too close to them. The shearing of roots of any crops will surely do more harm than good. When cultivating it is best to dig around several plants by hand to become aware of the root zone and then set the cultivator to stay out of that area. In flower and vegetable gardens with hand cultivation it is also very important to stay away from the root zone. Plant roots have a very important function and should not be cut off or disturbed during the growing season.

To Prepare Grain Bins

Small grain harvest is approaching and we notice that the barley fields are well headed and will soon be changing color; winter wheat will soon follow. Growers that are going to harvest their crop and store as grain should now be cleaning out their grain bins and spraying with an insecticide; old grain should be removed before the new crop is stored. Numerous grain insects may be harboring in the framework of the grain bins and should be eliminated before the new crop arrives. All bin surfaces should be sprayed with either Malathion or Methoxychlor. A thorough cleaning of the bins should precede the spraying of the insecticide. Stored grain insects reduce the feed value of the grain and may cause extra heating and spoilage.

To Spray Those Rose Bushes

Roses are one of the most common shrubs in this part of the country and need constant attention during the growing season if they are to be kept insect and disease free. The first blooms are now appearing and with the liberal amount of moisture during the past month, we should experience some beautiful roses this spring. Weekly spraying with a fungicide such as Folpet or Maneb, and with an insecticide such as Malathion or Sevin, will help keep the flower vases full of perfect roses If the rose bushes were not fertilized earlier this spring, it is not too late to give them a complete rose fertilizer. Weekly watering during periods of dry weather will also keep the new blooms developing and result in more healthy bushes. Lancaster is known as the "Red Rose County" and we should experience magnificent blooms this year.



KEEPING THE HOUR

Lesson for June 5, 1972

Background Scripture Psalms 63 1-8, Acts 10 1 8, 30 33
Devotional Reading Psalms 63 1 8

Every evening at nine o'clock hundreds, perhaps thousands of people throughout the United States and even beyond join together observing at least five minutes of silent prayer and meditation They are people, for the most part, who are either seeking healing or help for themselves or for others There is nothing sacred about nine o'clock in the evening except that it is a time mutually agreed upon by those who participate

Rev. Althouse

A devout man

Whenever someone comes to me for counseling help, I usually suggest that they "observe the nine o'clock hour" for spiritual help and power Frequently people will return saying how much they have been aided through this simple observance Healing, help, guidance, comfort have come to those who have joined with us

There is nothing miraculous about this observance The healing and help results are the normal consequences of a directed life of devotion Too many people never pray except when they are in the midst of an emergency. There is nothing wrong with praying then—Jesus himself prayed in the garden and on the cross But his prayers there were not for the purpose of establishing a new relationship with God, but of building upon a relationship that was already firmly established.

The same principle applies to his followers If we want to be able to pray effectively in a crises, we need to establish a strong life of prayer before the crises comes "Keeping" some hour of prayer each day may provide just the pipeline we need to receive God's power when we need it most. This, apparently, was the strength of Cornelius, the centurion in Acts 10 He was "a devout man who . . . prayed constantly to God" (10.2)

About the ninth hour

It was in the keeping of the ninth hour of prayer one day that Cornelius received an experience that both deeply affected his own life and the life of the early church as well A vision came to him that eventually was to bring Simon Peter, the great Apostle, into his life. In observing a regular life of daily devotion he received revelation from God.

In George Bernard Shaw's play about Joan of Arc, the Dauphin (heir to the throne) is disturbed because the heavenly voices come to a poor peasant girl instead of the royalty of France "They do come," says Joan, "but you do not hear them because you are not listening" So, many of us would both hear and see more of God's revelation if we kept some daily hour of prayer and listened for his voice

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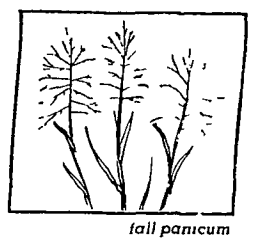
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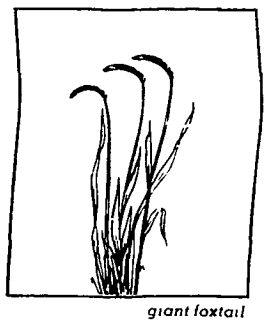
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Area Herds Cited by Holstein Association

Milk and butterfat production levels established by Registered Holstein cows in this area have been reported by Holstein-Friesian Association of America. All cows are from herds enrolled in the Dairy Herd Improvement Registry (DHIR) official testing program.

Cows recognized for their exceptional food producing ability and their owners are as follows:

Elam Bollinger, Manheim -- El-Lyndo Perry Roxie 7145726, two-years-old, 15,660 pounds of milk, 667 pounds of butterfat in 341 days, El-Lyndo Archie Rosene 6750528, four-years-old, 17,450 pounds of milk, 661 pounds of butterfat in 306 days

Galen W Crouse, Stevens -- Len-Lyn Skokie Masterpiece 6999336, four-years-old, 21,040 pounds milk, 685 pounds butterfat in 305 days.

Donald S. Eby, Gordonville -- Breezy Glen Ivanhoe Tiny 5205216, ten-years-old, 20,330 pounds of milk, 822 pounds butterfat in 305 days; Breezy-Glen Jack Snowflake 69222819, three-years-old, 22,070 pounds milk, 714 pounds of butterfat in 331 days; Breezy-Glen Apollo Jasper 6709233, four-years-old, 16,060 pounds milk, 673 pounds of butterfat in 348 days; Breezy-Glen Model Twinkle 6855709, three-years-old, 18,680 pounds milk, 666 pounds of butterfat in 364 days, Breezy-Glen Jack Julia 7248996, two-years-old, 18,180 pounds milk, 630 pounds butterfat in 330 days.

John W. Eshelman and Sons, Lancaster -- Rocco Fobes Sovereign Ann 6461206, five-years-old, 20,460 pounds milk, 754 pounds of butterfat in 336 days.

John and Helen Farrington, Lititz -- Shawval Chief Audrea 7006198, three-years-old, 22,060 pounds milk, 800 pounds of butterfat in 305 days.

J. Mowery Frey and Son, Lancaster -- Fultonway Reflector Rochelle 6339473, six-years-old, 18,460 pounds milk, 807 pounds of butterfat in 305 days; Fultonway Schoolmaster Violet 5494197, nine-years-old, 21,790 pounds milk, 788 pounds of butterfat in 305 days; Langoma Mable Ivanhoe 5605917, ten-years-old, 19,440 pounds milk, 758 pounds of butterfat in 305 days; Fultonway Reflector Countess 6296227, six-years-old, 18,860 pounds milk, 753 pounds of butterfat in 305 days.

Henry E. Kettering, Lititz -- Henket Jackie Flo 6899259, three-years-old, 17,890 pounds milk, 672 pounds of butterfat in 305 days; Drovers-Inn Majesty Ina 6974010, three-years-old, 17,100 pounds milk, 667 pounds of butterfat in 305 days; Henket Sensation Erla 7214215, two-years-old, 16,340 pounds milk, 648 pounds butterfat in 305 days.

Clarence M Murry, Drumore -- Wissler-Run Glen Lad Daisy 557780, nine-years-old, 22,540 pounds milk, 842 pounds of butterfat in 322 days.

Herbert and Rhelda Royer, Lancaster -- Mill Road Bright Esther 5703667, eight-years-old, 18,600 pounds milk, 768 pounds of butterfat in 305 days.

Nathan E. Stoltzfus, Gap -- Con-Noll Paramount Lora 6640349, four-years-old, 17,800 pounds milk, 722 pounds of butterfat in 362 days, Con-Noll Apollo Fawn 6726555, four-years-old, 17,250 pounds milk, 654 pounds of butterfat in 305 days.

These new production figures may be compared to the estimated annual output of 9,388 pounds (4,366 quarts) of milk and 345 pounds of butterfat by the average U. S dairy cow, notes the National Holstein Association

Holstein Earns Gold Medal

A cow in the herd of Paul R. King, Delta, has achieved Gold Medal Dam status, reports the Holstein-Friesian Association of America.

Redgate Design Milady 5282187 (GP) was bred and owned by August W. Nagel, Rockville, Md. She was transferred in 1961 to King. She qualified as a "super brood cow" on the basis of her lifetime production of 135,999 pounds of milk and 4,804 pounds of butterfat.

This recognition is based on an animal's ability to transmit outstanding milk production and desirable body conformation.

Greets the Dawn

Guam, which lies farther west than any other U S. territory, is often called the place "where America's day begins " This tiny island is first to greet the dawn of each new day because it lies beyond the International Date Line

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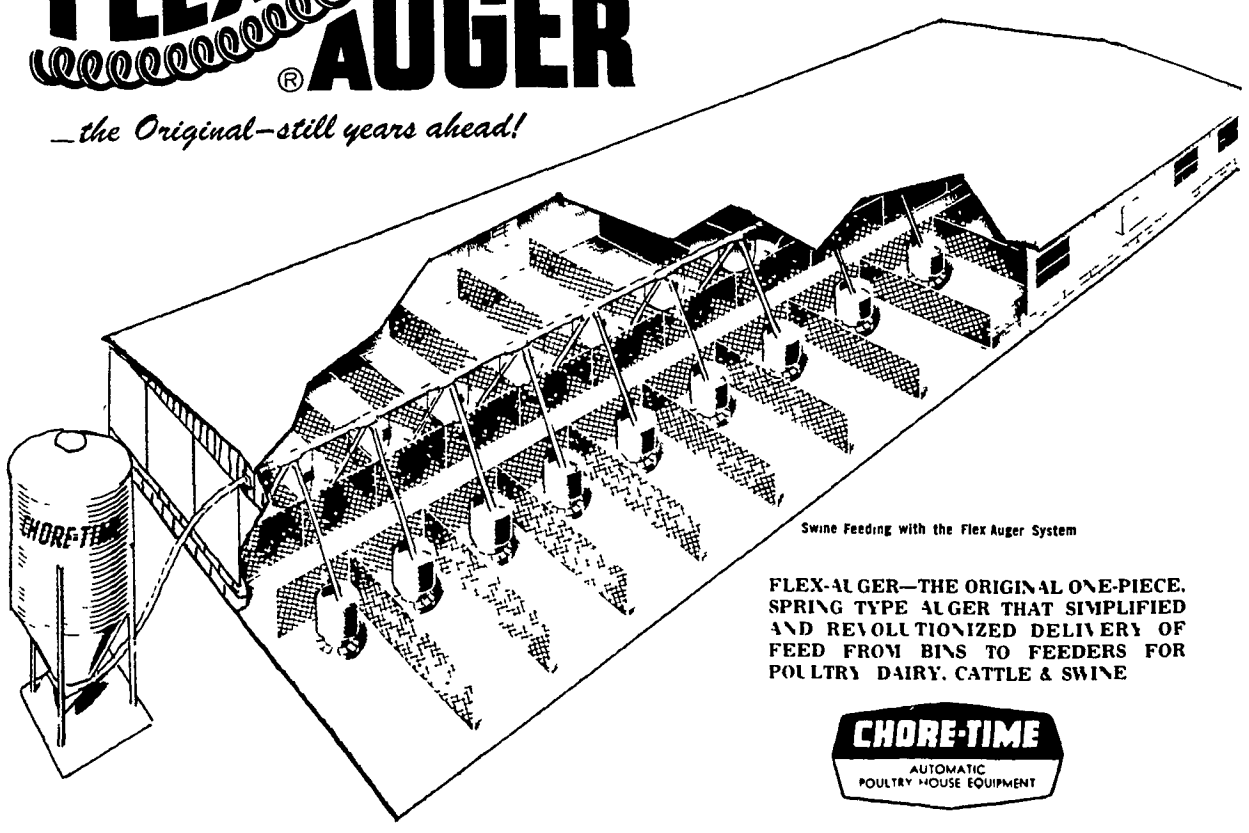

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From Local Ag Teachers:

Thoughts in Passing

Editor's Note: **The article this week was prepared by Michael J. Burton, Young Farmer Instructor at Penn Manor High School, Millersville.**

Alfalfa, A Second Rate Crop?

Alfalfa has long been a neglected crop in Pennsylvania. It has taken second place to corn in research and, consequently, on-farm management.

Field trials and demonstration plots have been non-existent for alfalfa or other hay crops. On the other hand, research field trials and demonstration plots have long been used to develop and promote new corn management practices such as higher populations, chemical weed control, better fertilization,etc., which have doubled corn yields over the past 30 years nationally.

Meanwhile, hay yields have virtually been at a standstill when compared to corn.

This gap in advancement of yields has generally followed a gap in research and demonstration plots. Government, industry, and Universities have done mountains of research with corn, while doing "just enough" to get by on hay crops.

Michael J. Burton
Young Farmer Instructor
Penn Manor High School

But even worse is the fact that vo-ag teachers, county agents, and other personnel working to educate farmers have not promoted good management practices or conducted field trials with hay crops as they have done with corn. The one-acre corn contest, five-acre corn contest, local Young Farmer corn contests and others have done an excellent job promoting new corn management practices.

The next point brought out by many people is the fact that alfalfa won't return as much as corn so why the fuss. But using last winters prices of $1.30 per bushel for corn and $50 for hay, it is quite easy to refute that argument With a yield of 150 bushels for corn you gross $195 per acre. Costs come to about $95 per acre, leaving $100 profit.

Alfalfa should yield about six tons per acre, or gross $300 per acre. Your costs will come to about $120 per acre, leaving a profit of $180. If you can raise your yield to eight tons per acre your profit goes up to $280 per acre after costs.

These figures are estimates at best, but they do reflect the potential of alfalfa when compared to corn

With this type of earning potential available to the farmer, he should evaluate his farming program and see how hay would fit in The Pennsylvania Young Farmer's Association, in cooperation with Penn State, is conducting a much needed farm research program on hay crops and affords the farmer a chance to evaluate his hay crop program while helping complete the University to farm research cycle that doubled corn yields

Anyone for 12 ton hay yields?

Anyone interested in participating in this program contact their vo-ag instructor for more information

Vine Crops Need Rich Soil

Such vine crops as cucumbers, squash, pumpkins and muskmelons, do best on a rich loam soil containing plenty of organic matter, say extension vegetable specialists at Pennsylvania State University Vine crops also need plenty of fertilizer and insect control If irrigation is needed, supply it during the day. For further information about vine crops, contact your county agent

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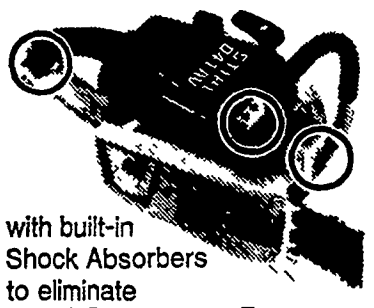

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"See our Field Day Announcement on Page 40.

Unemployment Insurance a Possibility for Farmers

Studying a "what if" situation, economists and sociologists of Pennsylvania State University are analyzing the potential effect of extending Federal unemployment insurance to farm workers.

In charge of the Penn State study are Dr James S. Holt and Dr Rex H Warland of the Department of Agricultural Economics and Rural Sociology, College of Agriculture, at University Park

Drs Holt and Warland are making the study at the request of the U S Department of Labor which turned to the Agricultural Experiment Station at Penn State for analysis of the effect of extending unemployment insurance Congress had considered such a proposal in 1970

If the proposal should become reality, average benefits would vary from $318 to $375--depending on the coverage provision. Benefits would vary from 2 to 2 8 per cent of total taxable wages--again depending on coverage

The study also found that a much higher proportion of migrants, for example, would be beneficiaries of short-term unemployment insurance than non-migrants. Although migrants studied made up only 15 per cent of the farm labor force in Pennsylvania, they accounted for half the total benefits estimated to be received by workers surveyed.

As for estimated cost rates, this was relatively low in Pennsylvania and ranged from 1.9 to 2 9 per cent of taxable payrolls. This cost was comparable to the present cost of non-agricultural coverage, Drs Holt and Warland report.

They believe the low cost rate would be due to the fact that about 25 per cent of the labor force do not qualify as potential beneficiaries These are persons with very low normal levels of employment. Also, some workers succeed in combining two or more seasonal jobs, thus reducing the period of unemployment

Even of farms where seasonal employment is concentrated, there are substantial numbers of permanent workers These permanent workers have little unemployment but contribute heavily to the taxable wage base. This factor, plus the predominance of dairy and poultry farms in Pennsylvania with relatively little seasonal labor, also contributes to the low labor cost

Employers' rates of contributions, where workers experience substantial unemployment, would rise--possible to the maximum of four per cent of taxable payrolls. However, the cost of benefits to firms whose workers have substantial unemployment may exceed four per cent. For migrant worker employers, this could come to about 7.5 per cent of taxable earnings.

If unemployment insurance should be extended to all agriculture in Pennsylvania, it would add an estimated 63 million dollars to the approximately $12 billion in taxable payrolls presently under the Federal system, Drs. Holt and Warland point out. This is an increase of less than one-half per cent.

The number of covered employers would increase by less than five per cent, they claim, even after a generous allowance for employers of few workers. Such employers were not well represented in the survey sample

March Butter Production Down

Production of creamery butter in the United States during Marach was estimated at 106,775,000 pounds, the Crop Reporting Board reports, four per cent less than March 1971. In the four leading butter-producing states, output was down one per cent in Wisconsin, nine per cent in Minnesota, seven per cent in Iowa, but up 19 per cent in California

The January-March production total for 1972 at 307,640,000 pounds is two per cent less than the 1971 total for the same period of 312,605,000 pounds.

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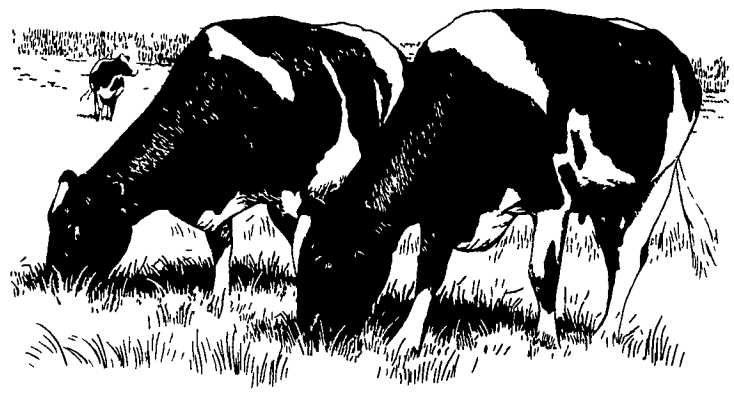


A new feed which contains 10 grams of Methionine Analog per pound. It is designed for use as a "top dress" feed, or for use in Red Rose Supplement mixes.

Red Rose customers are getting excellent results with feeds containing Methionine Analog. This new feed is needed where dairymen feed in milking parlors or use supplement mixes.

Red Rose DAIRY FEEDS

FOR FEEDING DIRECTIONS CONTACT

YOUR LOCAL INDEPENDENT RED ROSE DEALER

IN QUARRYVILLE AREA

RED ROSE FARM SERVICE, INC.

MAIN OFFICE
N. CHURCH ST.
QUARRYVILLE, PA.
786-7361

NEW PROVIDENCE, PA
GRAIN ELEVATOR
786-3427

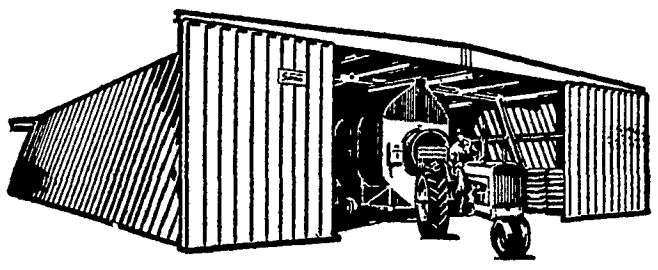
BUCK, PA.
284-4464

IN ATGLEN AREA

BROWN & REA, INC.

ATGLEN, PA.
215-593-5149

new from BEHLEN
the economy
Spartan



Brawny Building, Puny Price

High strength steel - heavy gauge wall panel - choice of two beautiful, durable colors or galvanized steel . . . in 40' or 48' widths. Big 13' x 20' or 13' x 24' doors. Choose from a wide selection of accessories.

The new Behlen Spartan brings you clear-span economy in a modern farm building . . . without sacrificing quality.

Let us show you how you can own a BEHLEN quality building for less than you ever thought possible.

SEE:

FREY BROS.

Fred Frey, Mgr.

R. D. #2, Quarryville, Penna. 17566 Ph. 717-786-2235

National Live Stock Association Elects Officers, Directors

The National Society of Live Stock Record Associations held its annual meeting recently in the Hotel Muehlebach, Kansas City, Mo., with a record attendance.

The feature of the meeting was the blood typing conference attended by artificial insemination officials, representatives of all breeds interested and participating in the program, together with Dr. Clyde Stormont, University of California; Dr. H. C. Hines, Ohio State University, and Dr. Jerry Caldwell, Texas A. & M. College. A combined cooperative effort involving the three existing laboratories and future facilities were discussed in detail including a single laboratory for all breeds.

Guest speaker at the banquet was George J. Dietz, vice president of the Export-Import Bank of the United States accompanied by Charles Leik who will be handling agricultural matters for Eximbank. They gave a very enlightening talk on the financing of our export sales including those of livestock.

Reports of all standing committees were heard including those on Animal Health, Legislative and Taxes, Promotions, Blood Typing and the Membership committee.

The following were elected officers for the coming year· W. L. Henning, secretary, American Southdown Breeders Association, State College, Pa , president; Bruce Henderson, secretary, United Duroc Swine Registry, Peoria, Ill., vice-preisdent; Allan C. Atlason, 3964 Grand Ave., Gurnee, Ill., secretary-treasurer.

Directors elected include:

Horses and Ponies — Don Jones, secretary, American Quarter Horse Association, Amarillo, Texas; Burton J. Zuege, secretary, American Shetland Pony Club, West Lafayette, Ind.

Swine — Eugene Benedict, secretary, American Landrace Association, Culver, Ind.; Bruce Henderson, secretary, United Duroc Swine Registry, Peoria, Ill.

Sheep and Goats — W L. Henning, secretary, American Southdown Breeders Association, State College, Russell Jackson, secretary, American Corriedale Association, Seneca, Ill.

Dairy Cattle — Robert H. Rumler, secretary, Holstein-Friesian Association of America, Brattleboro, Vermont; David Gibson, secretary, Ayrshire Breeders Association, Brandon, Vermont.

Beef Cattle — Lloyd Miller, secretary, American Angus Association, St. Joseph, Mo ; Harry P. Gayden, secretary, American Brahman Breeders Association, Houston, Texas.

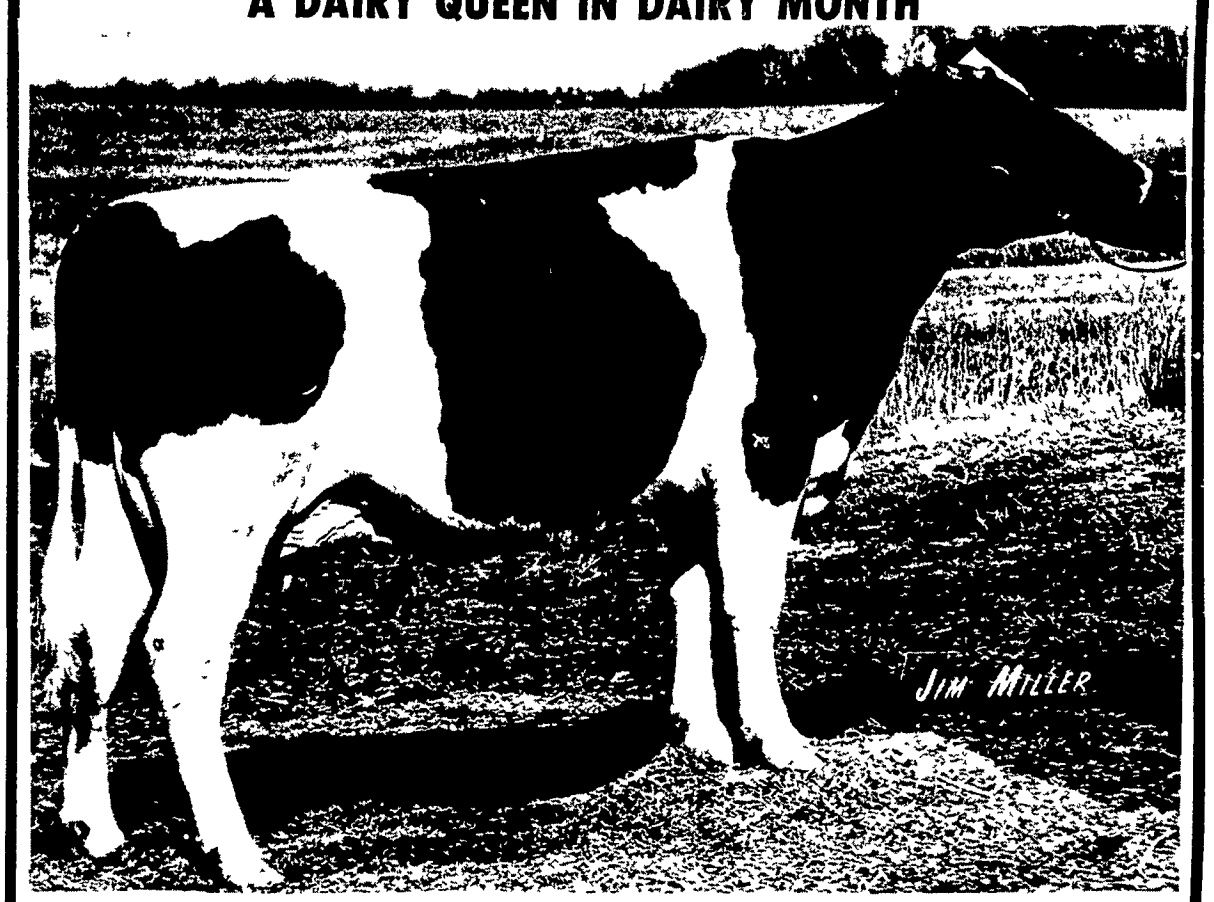
Directors at Large — Orville Sweet, secretary, American Polled Hereford Association, Kansas City, Mo.

Dairy Products Index Drops 1% for March

In Marach, declining milk prices dropped the dairy products index per cent to 118 (Agricultural Prices, March 1972).

Prices received by farmers from plants and dealers for fluid market milk averaged $6.34 per hundredweight, 14 cents higher than March 1971. Manufacturing grade milk prices averaged $5.08 per hundredweight, 22 cents above a year earlier. The index was three per cent above March 1971

CROCKER GOLDEN REFLECTION
IN SERVICE AT SIRE POWER- SIRE OF
A DAIRY QUEEN IN DAIRY MONTH



CROCKER TIDY REFLECTION, Ex 90
2-7 322 2X 18800 741
Sired by 9H128 CROCKER Golden Reflection Ex PQ 5-72

USDA May 1972

18 dtrs. 3 herds avg	18283	3 6 661
Herdmate Difference	+2999	+95
P D (25 per cent)	+42	+25

HFA TYPE
16 classified daughters average 83 6 Sire of 2 Excellent daughters

CROCKER", who now has 2 Excellent daughters, is siring high production from the "right kind of cow" To obtain service to him (do-it-yourself herds included) call either of the numbers listed below

PROVIDING SIRE POWER SERVICE
NEBA NORTHEASTERN BREEDERS ASSOCIATION
R.D.2, Tunkhannock, Pa.

FOR SERVICE IN
LANCASTER COUNTY, CALL
Nelson Kreider Strasburg 717-687-6214
Marlin Kover Ephrata 717-733-1224
Add SIRE POWER to your herd
Call your NEBA technician today!

it's June Dairy Month

Let's celebrate the occasion by being extra sure to eat tasty, nutritious dairy products at every meal.

Enjoy cold, refreshing milk at every meal and encourage your friends and neighbors to do the same. Get into the habit of drinking milk regularly. Sharp cheddar cheese is a hard-to-beat snack. Select from the wide choice of delicious ice cream flavors when you order or serve dessert.

We're proud that many dairymen in this community are loyal Purina customers. And, we welcome this opportunity to promote the milk and milk products they produce.

Why not make a mid-year resolution to use more of their dairy products in June . . . and throughout the whole year!

John J. Hess, II, Inc.
Ph· 442-4632
Paradise

John B. Kurtz
Ph 354-9251
R. D. 3, Ephrata

West Willow Farmers Assn., Inc.
Ph: 464 3431
West Willow

James High & Sons
Ph 354-0301
Gordonville

Ira B. Landis
Ph 394-7912
1912 Creek Hill Rd , Lanc

Wenger's Feed Mill Inc.
Ph 367-1195
Rheems

PURINA CHOWS

A Registered Holstein cow owned by John P Lapp, Leola RD1, completed the highest 305 day lactation. Kimberl produced 23,253 pounds of milk, 871 pounds of butterfat with a 3.7 per cent test. Second high lactation was completed by a Registered Holstein cow owned by John S. Yost, Kinzers RD1. Holly produced 19,961 pounds of milk, 855 pounds of butterfat with a 4.3 per cent test in 305 days.

The herd of Dale E. Hiestand, Bainbridge, RD1, had the highest daily butterfat average. This herd of 30.0 Registered Holstein cows averaged 57.8 pounds of milk, 2.21 pounds of butterfat with a 3.8 per cent test. The herd of Samuel S. Stoltzfus, Ronks RD1, placed second. This herd of 26.7 Registered Holstein cows averaged 52.9 pounds of milk, 1.97 pounds of butterfat with a 3.7 per cent test.

FIRST 305 DAYS OF LACTATION WITH 600 OR MORE POUNDS OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	F.
John P. Lapp						
Kimberl	RH	4-6	305	23,253	3.7	871
Starlit	RH	7-8	305	21,807	3.2	698
John S. Yost						
Holly	RH	6-6	305	19,961	4.3	855
J Mowery Frey Jr.						
Rachel	RH	4-4	305	18,666	4.4	815
Amos B. Lapp						
Abbot	RH	4-7	305	20,506	3.9	805
J Mowery Frey						
Dorothy	RH	6-9	305	20,606	3 9	801
Robert F. & Joan B Book						
Maria	RH	4-6	305	19,234	4.1	798
Lynne	RH	4-7	305	17,638	4 2	732
Chris	RH	4-4	305	17,738	3 8	681
Thomas C Lapp						
Sharlet	RH	4-7	305	18,605	4 3	792
Lilly	RH	3-7	305	20,246	3 5	700
Gano	RH	6-1	305	17,959	3 8	678
Jemima	RH	4-10	305	15,308	4.0	609
Lester M Weaver						
88A	RH	7-7	305	20,142	3.9	778
Samuel M. Augsburger						
Inka	RH	7-4	305	20,611	3.6	742
Sugar	RH	8-3	305	18,721	3 5	648
Paul E. Martin						
Pet	RH	4-3	305	16,955	4.4	739
Jane	RH	5-3	305	17,355	3 6	627
Calvin D Beiler						
Snukie	RH	5-10	305	18,268	4 0	726
S R Shellenberger						
Doris	GrH	11-11	305	16,505	4 4	725
Curtis E. Akers						
Lyda	RH	5-6	305	16,233	4 5	723
Prissy	RH	4-3	305	15,365	4 0	607
Ben S Stoltzfus						
Renee	RH	4-1	305	18,138	3 9	716
Millie	RH	6-2	297	15,777	4 1	640
Earl E Martin						
Pat	RH	8-7	305	18,120	3 9	713
Donald S Eby						
Anne	RH	8-6	305	20,680	3.4	712
Hattie	RH	6-5	305	17,893	3 8	683
Martin H. Good						
Jane	RH	5-6	305	15,664	4 5	708
Elmer S Stoltzfus						
Dale	RH	7-4	305	16,456	4 3	707
Mervin Nissley						
39	GrH	3-0	305	17,885	4 0	710
John K. Stoltzfus						
Candy	RH	5-6	305	19,978	3 5	705
LeRoy M. Oberholtzer						
July	GrH	6-9	305	17,399	4 0	704
Mervin Sauder						
Posy	GrH	4-11	297	19,324	3.6	703
Arthur D Wenger						
Rocket	RH	3 4	305	15,815	4 4	702
Earl Smoker						
Audry	RH	5-8	305	18,516	3 8	699
Samuel S Stoltzfus						
Jackie	RH	9-7	305	18,814	3.7	698
J Richard Keller						
Kingpin	GrH	4-9	305	18,559	3 7	692
John L Landis						
Lisa 7	GrH	4-7	305	19,941	3 5	691
J Kenneth Hershey						
Joy	GrH	5-6	303	15,747	4 4	691
Juliana	GrH	3-5	305	13,632	5 0	681
Sunny	RH	4-8	305	17,189	3 9	666
J Z Nolt						
Waka	RH	4-4	287	19,479	3 5	690
David L. Landis						
Bess	RH	4-7	305	19,218	3 6	690
Bonnie	RH	7-6	305	16,478	4.2	685
Aaron E Beiler						
Annette	RH	8-2	305	20,201	3.4	686
Teddy	RH	4-4	304	15,282	4.4	669
Glenn E. Burkholder						
Prospect	RH	3-3	293	15,551	4.4	686
Minnie	RH	6-7	305	14,821	4.4	658
Julie	GH	2-4	305	15,613	3.8	601
David W. Sweigart						
Jerry 49	GrH	5-2	305	19,268	3.5	683
Rosa 25	RH	7-8	280	17,063	4.0	675
Harry S. Mumma						
Beat	RH	6-1	305	17,208	4.0	683
Jay C. Garber						
EXViolet	RH	7-4	305	17,835	3.8	681
I Wazer	RH	3-0	304	14,701	4.3	634
Harry G. Kreider						
Susan	RH	2-9	305	17,226	3.9	680
Misty	RH	8-4	305	19,010	3.4	643
James W. Bowman						
Blackie	GrH	5-3	292	14,007	4.8	679
Alvin J. Stoltzfus						
Green	RH	7-5	305	18,121	3.7	678
Jean	RH	4-9	216	14,065	4.4	616
Jonas E. Zook						
Dora	RH	6-4	282	14,162	4.8	677
Earl L Hershey						
163	RH	3-6	305	15,201	4.4	674
Amos B Lantz						
Daisy	RH	8-10	305	20,180	3.3	670
Dot	RH	6-7	305	19,412	3.3	632
Ivan Z. Martin						
Betty	RH	4-4	305	18,978	3.5	667
Gal	RH	5-3	305	15,791	4.1	640
Allan R. Shoemaker						
Lucy	RH	4-3	305	15,045	4.4	663
John J. Landis						
Robes	RH	3-11	305	17,300	3.8	662
B F & Mary Eshelman						
Ann 135	RH	6-10	305	17,018	3.9	659
Sally 97	RH	4-10	305	15,225	4.0	613
Andrew G. Miller						
Denise	RH	4-6	305	17,608	3.7	654
Carl G. Troop						
Queenie	RH	5-2	270	12,716	5.1	654
Janet	RH	5-9	305	19,342	3.1	603
John C. Groff						
Ivy	RH	4-1	305	16,505	4.0	653
H. Richard Hershey						
Helena	RH	3-5	305	16,187	4.0	648
Linda 2	RH	9-7	305	16,889	3.7	628
John Omar Stoltzfus						
Lesia	RH	3-3	305	16,121	4.0	647
Topsy	RH	8-1	305	17,024	3.6	606
Dale E Hiestand						
Ivy	RH	12-0	305	17,776	3.6	644
Sam & Allen Kreider						
Becky	RH	4-4	305	17,997	3.6	643
Carla	GrH	4-6	305	19,505	3.2	619
Nathan G. Stoltzfus						
Sue	RH	8-10	305	17,526	3.7	643
John B Stoltzfus						
Sadie	GrH	9-3	305	17,927	3.6	642
Elvin Hess Jr.						
Kelly	RH	5-6	305	14,547	4.4	641
Glenn C. Hershey						
Noreen	RH	2-4	305	17,453	3.7	639
James D. Shertzer						
Martha	RH	4-4	305	16,710	3.8	639
Allen Lee Stoltzfus						
Dill	RH	5-9	305	18,859	3.4	636
Arlene S. Longenecker						
Nina	RH	6-7	305	16,631	3.8	635
Ezra M Martin						
Jane	RH	6-1	296	16,479	3.9	635
Ralph Myer & Sons						
78	GrH	5-8	296	15.745	4.0	635
Elmer H Weber						
Ideal	RH	9-1	305	18,068	3.5	633
Lester J Wiker						
Connie	GrH	5-8	305	14,477	4.4	633
John & Elam Rutt						
Royal	RH	7-7	305	16,447	3.8	630
J Floyd Kreider						
Woody	RH	6-4	305	15,296	4.1	628
Joseph L Fisher						
Annabel	GrH	4-6	305	15,883	3 9	625
John M Harnish						
Topsy	RH	7-11	305	17,294	3.6	624
Meg	RH	6-10	305	19,706	3.1	616
Beth	RH	10-4	305	15,239	4.0	602
J Richard Boll						
12	GrH	3-7	305	16,003	3 9	622
Harry Zimmerman Jr						
Hazel	RH	5-1	303	18,645	3 3	621
Roy H & Ruth H Book						
Connie	RH	8-2	281	14,316	4 3	621
Robert C Groff						
Abegale	RH	8-5	305	16,250	3 8	620
James B Bucher						
Weze	GrH	8-5	305	15,245	4 1	620
Robert H Kauffman						
Ginny	RH	2-6	305	15,282	4 1	619
John T Byers						
11	GrH	6-1	305	14,567	4 2	618
Harold M Shenk						
Harriet	GrH	3-7	305	15,233	4 0	616
Clyde W Martin						
Daisy	RH	8-7	305	13,629	4.5	616
Moses N Good						
Marie	RH	6-6	305	13,643	4 5	614
Elam P Bollinger						
G Bread	RH	3-5	305	17,353	3 5	612
John M Smucker						
Bess	RH	7-0	305	15,631	3 9	610
Luke Ray Zimmerman						
7	GrH	6-1	305	17,379	3 5	609
Raymond M Weaver						
22	RH	2-10	305	15,347	4.0	609
Kreider & Trimble						
36	GrH	4-4	305	15,027	4.1	609

(Continued On Page 17)

Facts for Dairymen

by N. Alan Bair, Assistant County Agricultural Agent

This Is Your Month

So, Mr. Dairyman, you have a whole month set aside to promote your product! What are you going to do with it?

I know that you are going to make a lot of hay, possibly fill some silo, finish planting corn and maybe tobacco, and milk your cows 60 times; but what are you going to do to promote milk and support the largest agricultural industry in the county?

Your options are many, even to doing nothing more than milking your cows 60 times and doing a good job of it. Producing a quality product and getting this product to the consumer in a state of high quality has been, and will continue to be, the biggest selling point of the dairy industry. Producing quality milk is not necessarily an easy job as you well know. When is the last time you took the time to explain to a consumer everything you go through to produce a quality product? Many consumer complaints are rooted in ignorance and misinformation. A little time spent by you, enlightening your city cousins about quality milk production and milk's nutritional value could be time very well spent.

There are many organized programs to promote milk in which you as a dairyman can participate. Don't be afraid to be active and kick up a little dust for the thing that pays your bills.

One activity that "happens" every year is the Dairy Princess Pagent. Have you supported this activity in recent years? So you say that's but one evening a year and mostly for dairymen. So whose fault is that? First, did you bring a nondairyman to the pagent last year and secondly, did you invite the Dairy Princess to speak at your civic club luncheon or other nonfarm organization last year? That's how you get the payoff on your investment. Get the dairy Princess in front of the right people. After all, most dairymen know the values of milk don't they!

So, take some time, have a glass of milk, and plan carefully how you are going to take advantage of your Month. You and the consumer will both come out on top if you do your job well.

xxx

Milk Short

Butter and regular margarine contain the same amount of fat and calories. on a per serving or per pound basis.

xxx

Cool Cows This Summer

Dairy cows have been shown to be extremely sensitive to high temperatures Milk production begins to drop off above 65 to 70 degrees. A combination of high temperature and high humidity adds to the loss of production

Many dairymen keep their cows in the barn in hot weather Shading against the sun adds to cow comfort, but ventilation becomes very important.

We must have air movement over the cow to pick up heat, even if temperatures are not reduced by air movement. In addition there must be a rapid change of air in the stable to move heat and moisture out of the building.

In a stall barn open all doors and windows to take advantage of natural breezes. Also you may use circulating fans to more air over the cows.

(Continued On Page 17)

DHIA Monthly Reports

(Continued From Page 16)

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Walter E. Mowrer 29	GrH	3-10	305	15,072	4.0	608
P. Robert Wenger Arlene	RH	6-9	305	14,429	4 2	608
Clair M. Hollinger Queen	RH	6-6	305	16,239	3 7	607
Melvin R. Stoltzfus Doris	GrH	7-3	305	16,009	3 8	607
Nathan E. Stoltzfus Katie	RH	10-2	305	14,420	4 2	607
Gerald L Kreider Nettie	GrH	4-7	305	14,080	4 3	607
Marvin K. Witmer Marvel	RH	7-6	305	14,599	4 2	606
Shoemaker Brothers Farm 1 Bonnie	RG	2-9	305	11,484	5 3	604
Ivan S. Stoltzfus Cilla	RH	4-4	294	15,272	3 9	603
Raymond R. Barge 23AHU2193	GrH	4-9	297	17,117	3 5	602
Paul N. Brubaker 3	RH	7-5	305	18,223	3 3	601
Nelson E Martin Susie	RH	4-5	303	16,335	3 7	601
Loren L Zimmerman Faith 2	RH	4-6	305	15,716	3.8	601

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs
Dale E. Hiestand	RH	27	30 0	95.2	57 8	3 8	2 21
Samuel S Stoltzfus	RH	35	26.7	96.8	52 9	3 7	1 97
John S. Yost	RH	36	35.0	96 5	46.7	4 2	1 97
David L Landis	R&GrH	34	29.4	98.2	53 9	3.6	1.96
Samuel I. Esh	R&GrH	29	27.0	92.6	52.1	3.7	1.95
Ben K. Stoltzfus	R&GrH	34	29.1	89.7	54.5	3.6	1.94
Paul B. Zimmerman	RH	34	33.1	77.7	46.7	4.1	1.92
Red Rose Research Center	RH	36	27.4	89.6	53.3	3.6	1.91
Ben S Stoltzfus	R&GrH	33	42.2	94.1	49 2	3.9	1.91
John J Lapp	R&GrH	25	31.4	91.0	50.2	3.8	1.91
Parke H. Ranck	R&GrH	31	50.1	97 8	48.6	3.9	1.89
John P Lapp	R&GrH	39	31 2	91 9	48 1	3.9	1.89
J Z. Nolt	RH	30	37.1	83.4	50.1	3 8	1.88
John & H Farrington	RH	32	35.0	82.7	50 1	3 7	1.87
Maurice F Welk	R&GrH	30	82 9	91.9	49 5	3 8	1.86

Facts For

(Continued From Page 16)

Another method is to add exhaust fan capacity to force air over the cows This may call for closed doors and windows so the air flow can be controlled The fans can be at one end of the barn with doors and windows open only on the opposite end. Make your barn into a "wind tunnel" for summer stabling.

If you use an uninsulated free stall barn, get as much air opening as possible The open ridge ventilation system is especially important in moving air through the barn A reflective roof also aids in reducing inside temperatures on a sunny day. The roof should be white or natural aluminum color

Cooling cows will pay you dividends A cool barn is a better place for you, too

First Newspaper

Probably the first newspaper was Tsing Pao, a court journal published in Peking, China It is said to have started as early as the 500s and was continued until 1935 At first it was produced from carved blocks instead of type

Pa.'s April Milk Production Two Per Cent Above Last Year

A total of 626 million pounds of milk was produced in Pennsylvania during April This is equal to the amount produced in March, but two per cent more than production in April last year

Average production per cow during the month was 900 pounds This was equal to the March average but up three per cent from 870 pounds in April last year The number of milk cows remained at 695,000, the same as March but down one per cent from April 1971

The total amount per cow of grain and other concentrates fed to milk cows during 1971 was 4,590 pounds, or 45 pounds per 100 pounds of milk This is one pound of grain for every 2 2 pounds of milk The comparable figures for 1970 were 44 pounds of grain per 100 pounds of milk, or one pound of grain for every 2 3 pounds of milk The average value of grain fed in 1971 was $3 85 per 100 pounds, compared to $3 68 in 1970 The average value of grain fed per 100 pounds of milk produced was $1 73 in 1971 and $1 62 in 1970

Several Varieties of Cabbage Available

If you're planning to plant cabbage in your garden this season try these varieties say Extension vegetable specialists at Pennsylvania State University For early cabbage Golden Acre or Stonehead If you want cabbage to produce about mid-season, plant King Cole, Market Prize, Superette or Marion Market Recommended late varieties include Danish Ballhead, Harris Resistant Danish and Quakerstate Ballhead

Red cabbage varieties include Ruby Ball Red Head and Red Danish Ballhead The specialists also recommend Savoy King and the chinese-type varieties of Michihli and Burpee Hybrid

AGRI-INC.

WE SALUTE ALL DAIRYMEN OF LANCASTER and SURROUNDING COUNTIES

A SPECIAL SALUTE TO GROFFDALE FARM QUARRYVILLE, PA., OWNED AND OPERATED BY MR. & MRS. ROBERT GROFF.

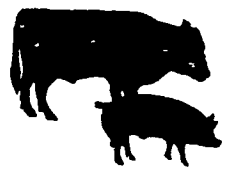
Their New Barn Features Liquid Manure System with Jamesway Barn Cleaners, Jamesway Comfort Stalls and Pipeline Milking System.

WE WISH THEM EVERY SUCCESS IN THEIR NEW DAIRY OPERATION

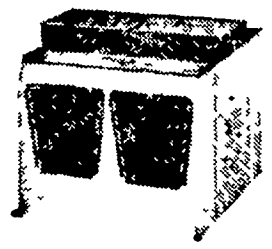
WE OFFER COMPLETE SERVICE
- Designing
- Construction
- Equipment
- Electrical

AGRI-INC.
R. D. 2, Ephrata Phone: 717-354-5374
JAMESWAY SALES & SERVICE

WE OFFER COMPLETE SERVICE
- Designing
- Construction
- Equipment
- Electrical



THEIR THIRST COMES FIRST



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Dr. Masters Indicates False Hope in Egg Price Forecasts

United Egg Producers recently warned that some egg price forecasts now being circulated in the industry are causing some egg producers to have unwarranted high hopes for drastically improving egg prices.

Dr. Gene C. Masters, executive vice-president and general manager of U.E.P., said projections are estimating 45c average prices for the last half of this year. He said these estimates are 5c higher than forecasts made by U E P

"I'm afraid the projections were based on an anticipation of continued high slaughter rates," Masters said "I do not think enough weight was given to the effects of Mareks vaccine or to the vast amount of empty production capacity within the industry. All of these variables will have great influence over producer receiving prices in the months ahead."

Dr. Masters said the egg industry has made considerable adjustment in the supply during the past month, but there remains a tremendous number of birds being molted and the laying flock is so young it can be expanded by holding birds a few weeks longer if there is much optimism

A producer in the Midwest estimated that as much as 30 per cent of the birds in that area have been force molted. If this is true and producers hold birds longer, it will be difficult for prices to rise much above the cost of production, Masters continued.

"If the high slaughter rate of April had continued for several weeks, I could agree with the projected high figures," Dr. Masters continued. "But slaughter has dropped drastically in all areas of the country. Some reports indicated slaughter plants will operate on a part-time schedule.

"If industry begins to believe prices will average 45c for the last half of this year, there is almost no possibility that such prices will occur," he warned. "This is not the time for producers to become over enthusiastic about future prices."

Dr. Masters acknowledged that adjustments already made should bring improved prices in the weeks ahead, but he noted that there is a heavy inventory of dried and frozen eggs which will help hold prices down. He said the dried inventory amounts to about 5 to 6 months supply and the frozen inventory is a 3 to 4 month supply.

In summary, he said if producers begin to believe that prices will average 45c during the last half of this year they will expand production and prevent even more realistic estimates from occuring. Expansion would not depend upon greater hatch, Masters said. It would come from holding birds longer, a factor which appears to have already started.

Governor Shapp Proclaims

Proclamation

The dairy industry annually observes the month of June as the time when the health and life-sustaining values of fresh milk and dairy foods may be stressed, because June is the period when the abundance of nature is manifest in the Keystone State and our dairy herds achieve their peak of production

The production, processing and distribution of milk and dairy products in Pennsylvania constitutes an important part of our economy

Therefore, I, Milton J Shapp, Governor of the Commonwealth of Pennsylvania, do hereby proclaim June, 1972, as DAIRY MONTH in Pennsylvania, and commend the cooperative efforts of all groups within Pennsylvania which have consistently advanced the standards, wholesomeness and quality of dairy products I urge our citizens to participate in its observance to the end that our health may be improved and our economic welfare enhanced

GIVEN under my hand and the Great Seal of the State at the City of Harrisburg this eleventh day of May in the year of our Lord one thousand nine hundred and seventy-two, and of the Commonwealth the one hundred and ninety-sixth.

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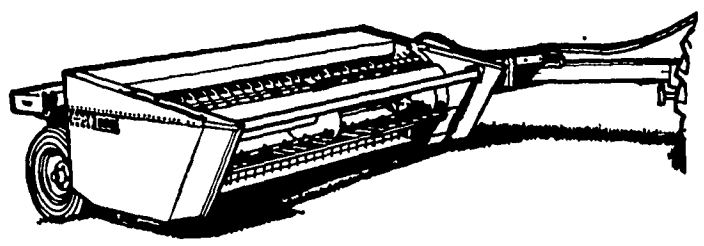

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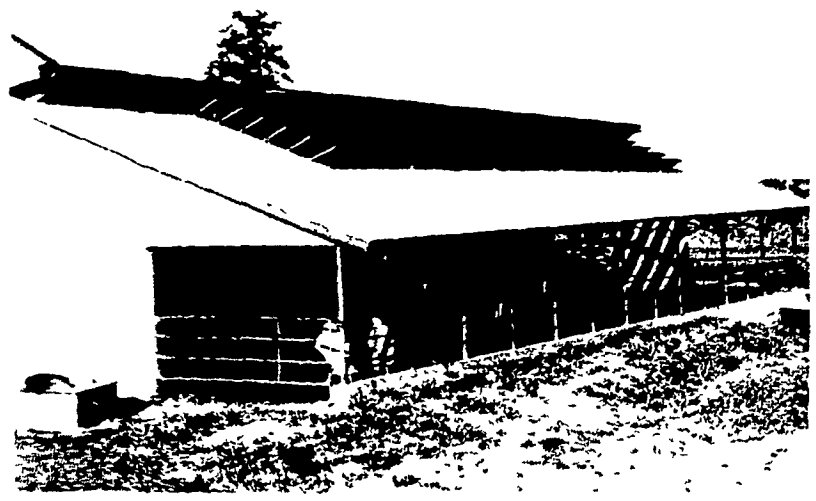

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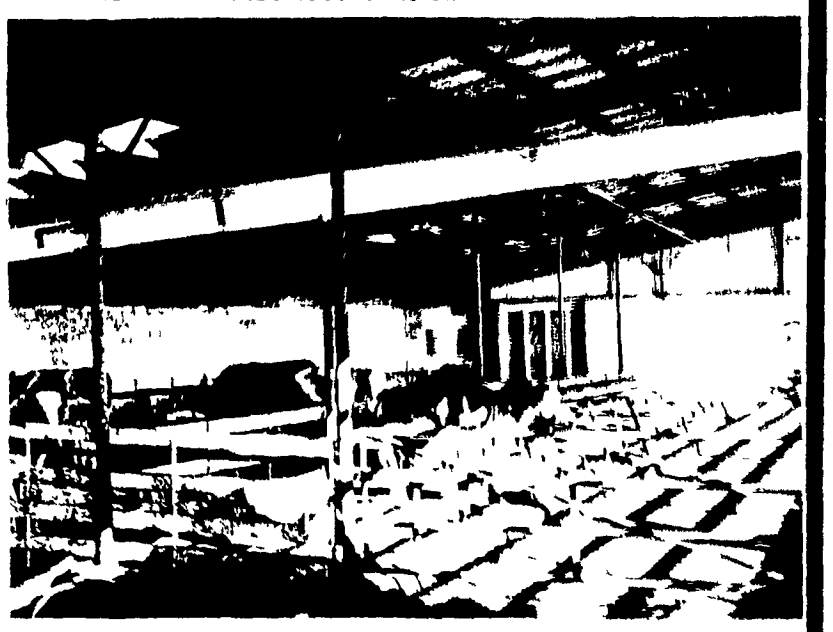

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Twin Valley Chapter Plans Summer Picnic

The Twin Valley FFA Chapter met recently in the vocational agriculture classroom of the Twin Valley High School. The meeting was conducted by the newly installed Chapter officers, headed by president Nevin Mast.

Gary Haller, chairman of the landscaping committee, reported that the Chapter has completed planting of six large azaleas, eight small azaleas, two junipers, 50 scotch pine seedlings, and four rose bushes around the high school building A 10-foot red oak and six wardi yews were also planted on the school grounds

The following nurseries donated shrubs to the FFA Chapter for use at the high school· Spring Garden Farm Nurseries, Brown's Nursery, Beaver Nursery, Buddies Nursery, and Cedar Hill Flowers.

The Chapter also planted crown vetch on the hillside in front of the high school to help prevent erosion The crown vetch was obtained through the cooperation of the Berks County Soil Conservation Service, and was dug along Route 176 by Chapter members

Terry Murray gave a report on the chicken barbeque that the Chapter will hold July 15 It was decided that the menu will include chicken, baked potatoes, macaroni salad, potato salad, home-made bread, ice cream, pie, cake, birch beer, and orange drink It was decided that the barbeque should be held at Kurtz' Fishing Lakes as this is more centrally located than any other place suggested The barbeque will be for all Chapter members, parents and guests

It was suggested that the Chapter have a donkey baseball game this summer as a fund raising activity This motion was referred to a committee of three consisting of Fred Stevenson, Melvin Houck, and William Ford

The Chapter voted to pay $7 towards each Chapter member going to FFA Activities Week at Penn State It was also decided that the Chapter should pay the entire cost for former president Frank Stoltzfus, who will be a candidate for a state office.

President Nevin Mast reported that the program of work for next year is nearing completion Nevin reported that the committee working on this is reviewing applications for several state and national awards to gain ideas for improving the Chapter activities

Dates for summer activities were discussed Definite dates will be given at the next meeting The meeting was then adjourned, after which members enjoyed a recreational period in the gym and refreshments in the vo-ag shop

Chapter Reporter
Thomas Carskadon

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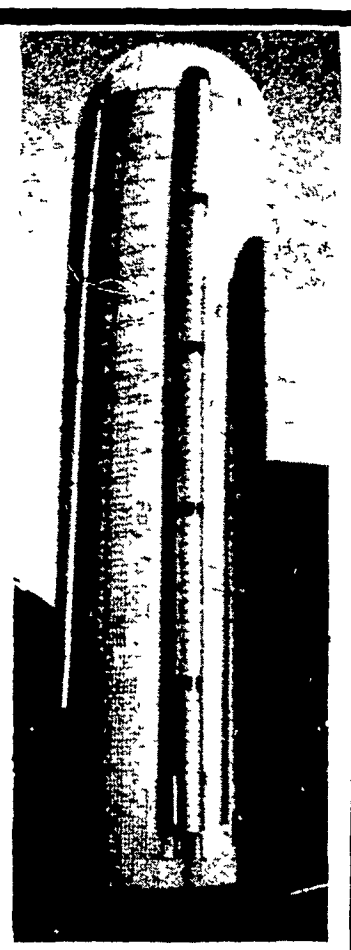

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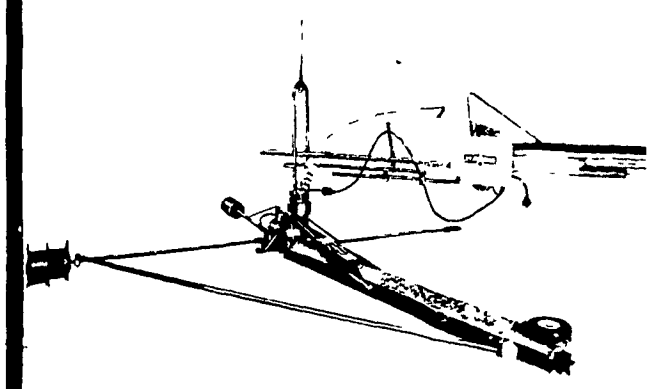

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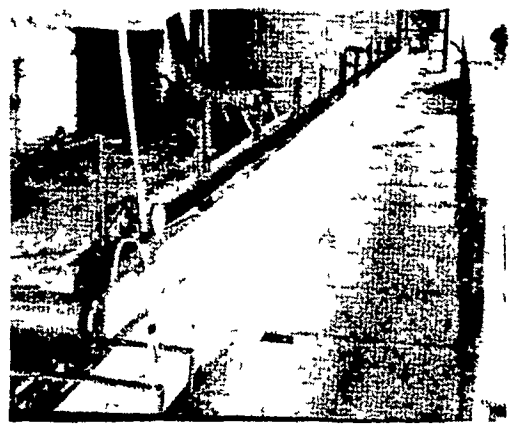

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What's New?

Replacement of Defective Products

To assure customer convenience and satisfaction, The Black & Decker Manufacturing Company has announced a new plan to replace defective products with a direct over-the-counter exchange at retail outlets or at company factory service centers.

If the customer happens to buy a defective tool, he takes the unit back to the retailer with his sales slip which shows that the Black & Decker product was purchased within the last 90 days. The retailer verifies the 90-day guarantee period and checks the tool for abuse, sees that all original standard equipment is included and accepts the tool for replacement

The customer will be given a new tool right out of stock—or, if a new tool is not in stock, the customer gets a claim check so he can then pick up a new tool as soon as one can be ordered and obtained. The retailer then takes or sends his "Rapid Exchange warranty return" to his nearest Black & Decker service center where at no charge, a new tool replacement is arranged. The customer also can deal directly with the B&D service center.

The Rapid Exchange Service system covers all home products portable tools and lawn and garden tools, except for lawn mowers. Stationary tools, accessories and tools used in rental service are not eligible. The Black & Decker one-year guarantee covering defective materials and workmanship is applicable to tools not included in the 90-day Rapid Exchange Service.

All original standard equipment included in the initial purchase must be returned with the defective tool (i.e., chuck, chuck key, side handles, circular saw blades, etc.). Expendable equipment is excluded from this provision (i.e., sanding sheets, belts, discs and jig saw blades). In kits and assortments, only the basic power tool (jig saw, drill, etc.) will be replaced.

Farm Disinfectant has Hog Cholera Approval

Environ, a commonly used farm disinfectant, has now been confirmed to be effective against the Hog Cholera Virus.

The new research work on Hog Cholera Virus recently completed by Dr. R.F. Solorazano, veterinary science researcher at the School of Veterinary Medicine, University of Missouri at Columbia, demonstrated once again that the Environ products act as highly effective disinfectants for animal production facilities. The Missouri scientist who earlier developed a laboratory test for the diagnosis of hog cholera, and has worked on a number of animal viruses, believes it is especially significant to know a commercial disinfectant is available today that will destroy the Hog Cholera Virus. Even though an intensive hog cholera eradication program is underway in the United States, many other animal and poultry diseases are caused by viruses

Vestal Laboratories, Div. of Chemed Corporation, St Louis, Missouri, manufacturers of Environ, reports that it is a permitted general disinfectant by the Veterinary Services Division of the USDA for use in disinfecting programs of animal health and disease eradication and quarantine work.

Antibiotic restrictions, larger confinement production units, and costly diseases have all placed greater demands on thorough cleaning and disinfecting of livestock buildings and equipment. Choosing the most effective product for this purpose is a vital management decision for today's livestock and poultry industries.

Leon Hallberg, agribusiness marketing director, Vestal Laboratories of St. Louis, pointed out that cleaning and disinfecting procedures in hog, cattle, poultry and other animal facilities will increase ten fold in the next five years. Hallberg further stated that this will come about as a result of emphasis for improved sanitation standards by regulatory agencies and consumers. This emphasis on higher sanitary standards will probably affect meat, milk and egg producers everywhere.

(Continued On Page 24)

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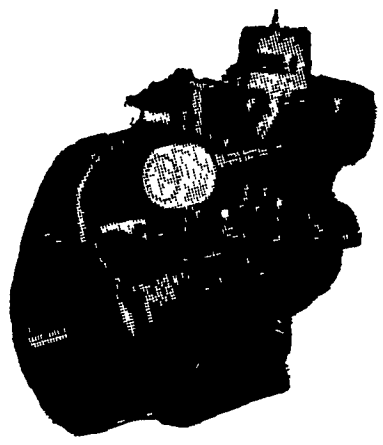

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15H141	Sterlingdale Pioneer Admiral--EX & PQ	23	+745	+9	+$28	28 per cent
26H81	Skokie Duke Medalist--VG & PQ	151	+612	+5	+$21	88 per cent
15H100	Mookown Optimist--VG & PQ	496	+562	+5	+$20	96 per cent
15H133	Staffordshire Ivanhoe Jerry--GP & PQ	29	+406	+29	+$35	36 per cent
15H121	Eagle Point Design's Bonus--VG & GM	329	+375	+3	+$13	93 per cent
15H148	Penn-Octo Kenny--EX & TQ	13	+330	+13	+$20	19 per cent
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A73	Mar-Ral Commander's Pride--VG	52	+806	+10	+$31	70 per cent
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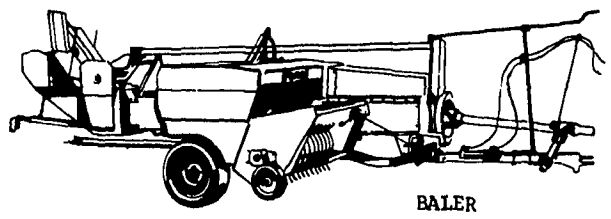

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Automatic Mushroom Harvester Developed

Devices for automatic cutting and gathering of commercially grown mushrooms have been developed by agricultural engineers at Pennsylvania State University. The equipment includes an oscillating saw or cutterhead and airstreams and an air suction chamber to pick up the cut mushrooms and move them to a storage bin.

Using the innovations, a harvester—the first of its type—has been built and tested by Dr. Sverker Persson and associates at Penn State. Engineer in charge of the project, Dr. Persson says the equipment can be a vital step toward complete mechanization of mushroom production. Harvesting, he claims, is the only major phase of mushroom production still lacking suitable mechanized equipment.

These developments at Penn State's Agricultural Experiment Station are the latest phases of a long-time program to improve mushroom production. Research to date has helped Pennsylvania mushroom growers produce a crop valued at over 55 million dollars annually—the largest source of cash income from crop production in the Commonwealth This amounts to about two-thirds of the nation's supply of mushrooms and one-third of total world production each year.

The harvesting machine, patented recently, can be used where mushroom trays are brought by fork lift truck to a harvesting center in the mushroom plant The oscillating saw or cutterhead works through a one-foot wide row of mushrooms in the four-foot long tray in about 20 seconds, Dr Persson says. The present cutterhead must pass back and forth over the beds four times to harvest a tray. When fully developed, the machine will feature four cutterheads harvesting the full tray in one pass

Most machine-havested mushrooms have the same quality as hand-picked mushrooms, Dr Persson affirms. The ideal mushroom strains for mechnical harveting should have fairly long stems and should not form clusters. Practically all mushrooms from one sprouting or "flush" should reach suitable size for harvesting in one or two days

The machine will harvest less than ideal mushrooms but with reduced capacity and increased losses. Additional research is needed, Dr Persson points out, before the harvesting techniques are perfected Above all, studies are needed of the economic consequences of a wide variation in mushroom size Further analysis must be made of the possibility of using mushrooms with slight damage

Recreation Field Needs Specialists

Young people who haven't decided on a career may want to consider the rapidly developing leisure industry People are needed to work in our parks, playgrounds, recreation centers, camps, ski areas and other recreational facilities, reports Joe Cardenuto, Extension recreation specialist at Pennsylvania State University Those interested in serving others or interested in our environment and natural resources might do well to examine the parks and recreation field as a career Job opportunities range from planning and management to teaching and leading activities, says Cardenuto

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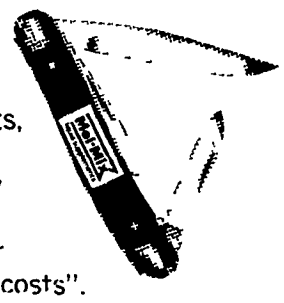

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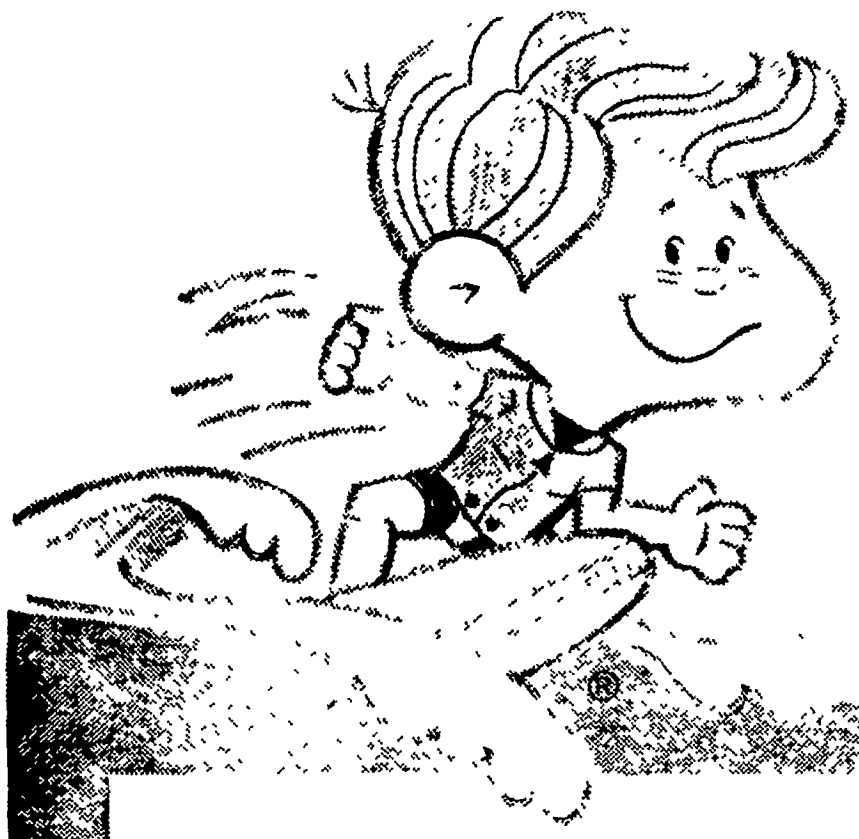

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New Wheat Variety Resists Hessian Fly

Winter wheat resistant to the hessian fly, potentially a serious pest in Pennsylvania, will be among new crops featured June 28 at a special field day to be held at the Agronomy Research Farm of Pennsylvania State University The farm is located in Centre County, three miles west of Pine Grove Mills on route 45

The new wheat, Arthur 71, is the only variety which resists damage from the new race of hessian fly that invaded southeastern Pennsylvania last year and caused severe damage in some fields and moderate damage in others Heading up the tours of small grain plots will be Dr Robert P Pfeifer, in charge of small grains research for the Agricultural Experiment Station at Penn State

Genetic makeup of Arthur 71 wheat causes larvae or maggots of the hessian fly to die when they attempt to feed on the stalks of the new variety, Dr Pfeifer explains This new race of hessian fly has been building up in Pennsylvania over the past three years, he claims, and will infect Redcoat, Dual, and all other available wheat varieties.

Dr Pfeifer says some 25,000 bushels of Arthur 71 seed will be available for Pennsylvania farmers to plant in the fall of 1972 Penn State agronomists and county agents advise farmers to make the change to Arthur 71 as soon as they find the hessian fly has invaded their areas

This new wheat averaged 72 bushels per acre in trials in four Pennsylvania counties during 1971. While it has excellent winter hardiness, the straw is not as strong as with Redcoat and Blueboy varieties--making careful fertilization vital to avoid lodging Nitrogen in excess of 50 pounds per acre on Arthur 71 will often cause lodging, Dr Pfeifer cautions

Procedures for seeding, fertilizing, and harvesting of Arthur 71 will be included in the June 28 program The field day will feature two wagon tours.

Progress in breeding winter barley for malting will be shown. Such malting barley could lead to a new crop and a new industry for the Commonwealth, malt production, Dr Pfeifer believes. He will also show experiments with hybrid barley and will exhibit first generation hybrids he has produced. He says it is possible that the system to produce hybird barley will be made available to commercial plant breeders this year.

Several new selections of stiff-strawed oats will be shown by Dr. Pfeifer and associates. Research plots will illustrate both heavy grain and stiff straw. Release of a new oat variety is anticipated in the near future.

Masonic Homes Herd Receives Four Awards At Ayrshire Convention

Masonic Homes managed by James Horton Elizabethtown, received one of the 12 coveted French Memorial Trophies at the National Ayrshire Dairy Cattle Convention in Rochester, Minn

A French Memorial Trophy is awarded in memory of J D W French a renowned Ayrshire breeder for outstanding milk production for herds enrolled in official DHIR milk testing programs

Masonic Homes had the second highest milk production for Ayrshire herds having 75 to 100 cows The 92 cows made an average of 13,634 pounds of Mature Equivalent (M E) four per cent milk in 305 days

The Farm also earned its seventh Constructive Breeder Award This award recognizes herds in which cows bred by the owner excel in milk production combined with superior body conformation Fifty-three breeders qualified for this honor in 1971 On a twice-a-day milking schedule for 305 days, the cows made an annual production average of 13,485 pounds of milk and 543 pounds of butterfat The herd has a type classification score average of 854 and 73 per cent of the herd was bred by the CBA winner

Two of Masonic Homes' Ayrshires earned special Certificates during 1971 for their lifetime milk production achievements, exceeding 100,000 pounds Mt Harmon Lucky Roselyn has records of 104,075 pounds of 4 3 per cent milk, 4,473 pounds of butterfat, and Meredith Fairy List 103,556 pounds of 4.3 per cent milk, 4,411 pounds of butterfat

In reaching these production levels the cows were milked twice daily and records were checked by the Pennsylvania State University's Department of Official Testing

Awards and honors were presented by National president, Philip Schuyler, and executive secretary David Gibson Jr. at the National Awards Banquet

About Imported Foods

Each week you shop for food, you probably include foods grown in countries other than our own

bananas, coffee, tea and some nuts and cheeses And, point out Extension consumer specialists with Pennsylvania State University, some of the foods you buy may be imported even though the same product is produced in our country To know whether the product is imported or not, read the labels Label identification does not apply to foods processed or packed in this country or those processed foods that may have ingredients that were imported

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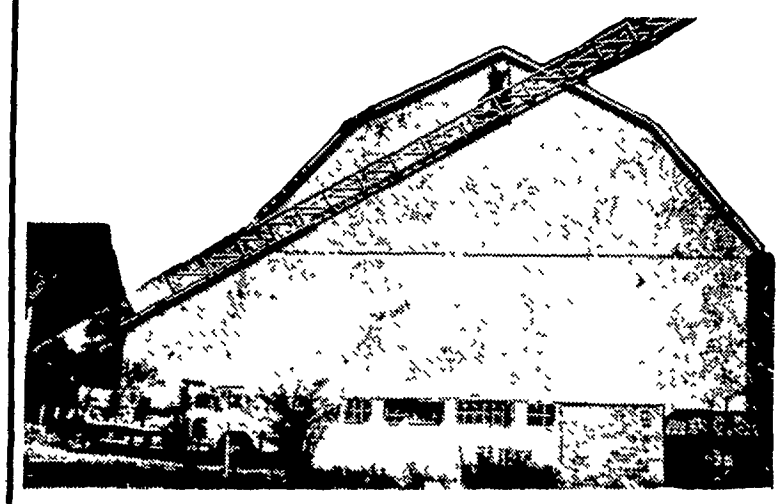

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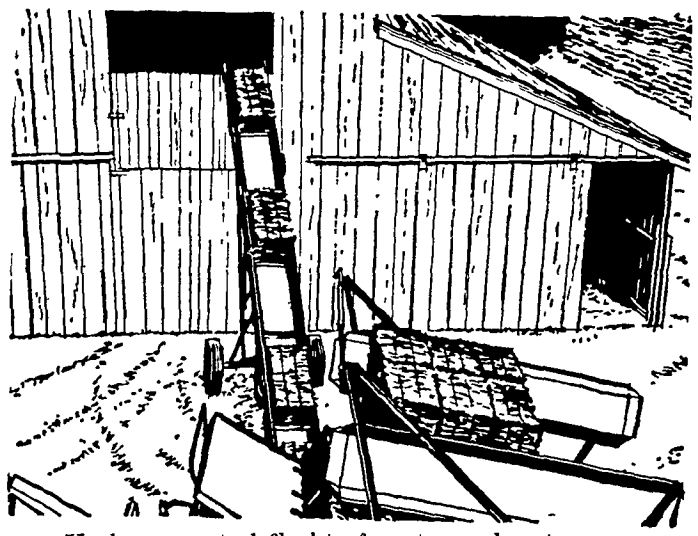

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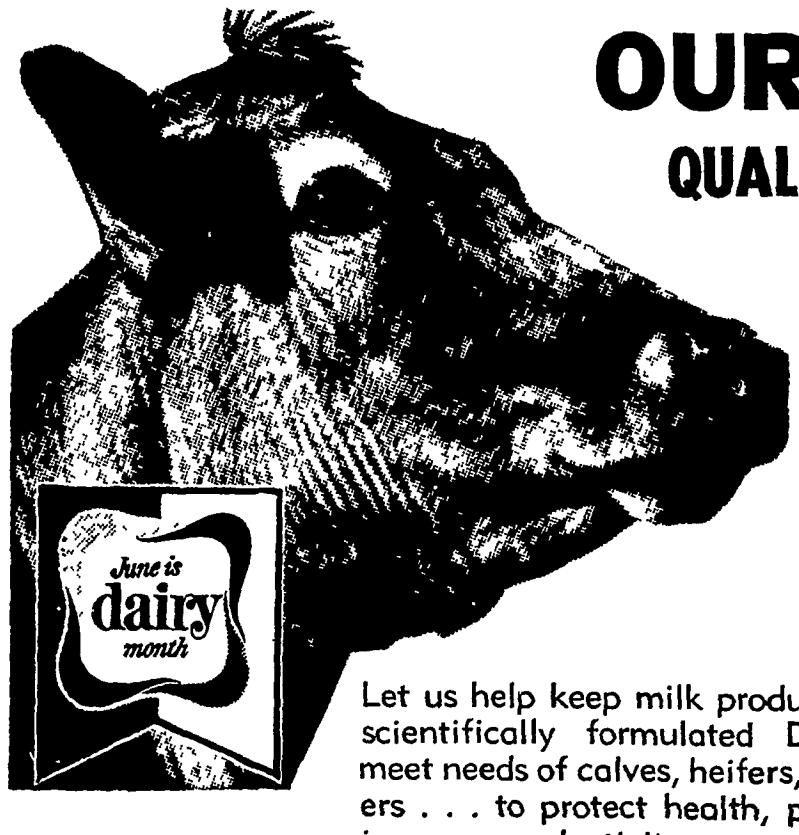

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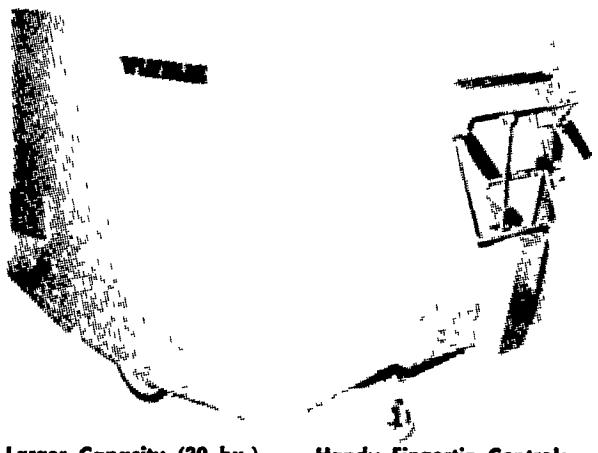

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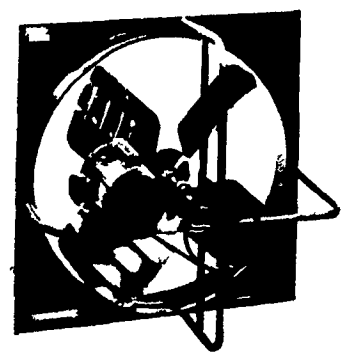
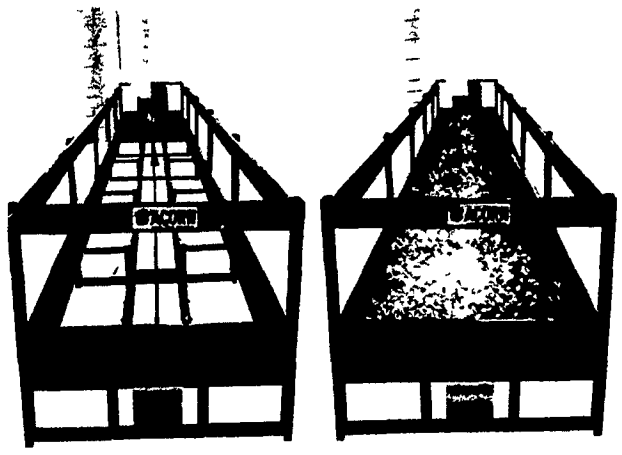
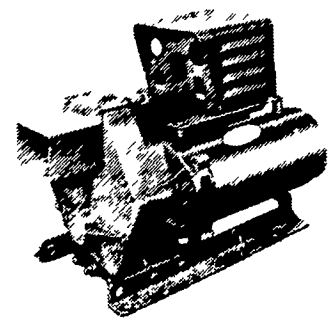


AMERICAN WAY FAN



ACORN 2 in 1 BUNK N' FEEDER



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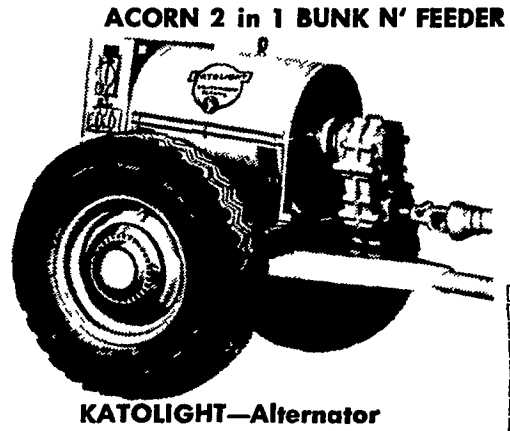

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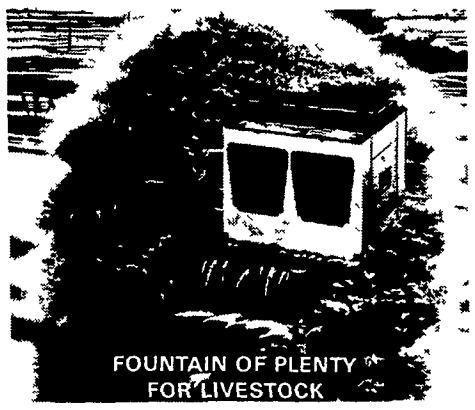

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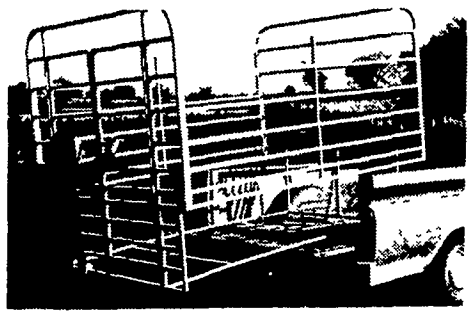
- ☐ IDEAL Calf Creep Feeders
- ☐ IDEAL Hog Feeders
- ☐ BONITA Roll-A-Bout Hay Feeders
- ☐ Mineral and Salt Feeders



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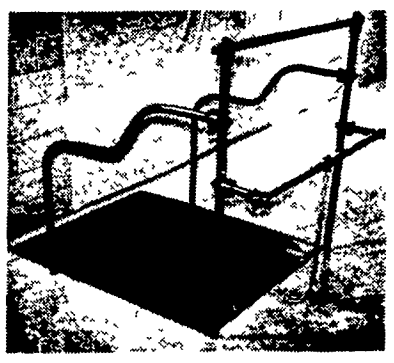
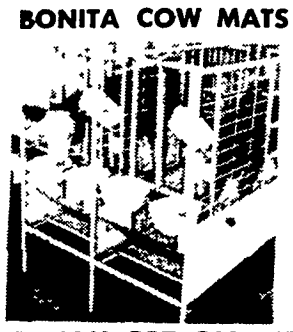


BONITA COW MATS



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ED ESHLEMAN'S WASHINGTON REPORT

The job of a Congressman, as I see it, is to serve his constituents by listening to them and then going to work on their behalf Whether its dealing with national issues or giving someone a helping hand, the important ingredient is personal contact There are a number of ways you can participate

Writing your Congressman is one of the best ways of getting your voice heard in national affairs Letters I receive from constituents are read carefully, the opinions expressed are noted, and in most cases a reply is prepared The only mail that does not get a response is when I think it is a pretty apparent that the writer does not expect an answer

When someone in the 16th District has a problem with the Federal Government, a letter is often the best way of requesting my help in solving that problem I have found if I have the details of your case in writing, it is usually easier to explain to the Federal agency involved how you should be helped

When you do write about a problem, make sure you send me all of the facts you can remember, because every little detail helps in getting favorable action Also, if the case involves the military or Social Security, be certain to send along the proper identification numbers That saves time because otherwise I have to get in touch with you to get those numbers before I can proceed with looking into your problem

The new Postal Service policy of using area postmarks rather than postmarks for each community makes it important for you to include your address on any correspondence that you expect to be answered It used to be that my staff could trace an individual's address by referring to the postmark, so we were able to answer letters where the return address was missing But the new system of postmarking means it will be impossible to find out how to get back to you if you fail to give us an idea of where to reply

Of course, writing a letter is not the only way of bringing your opinions and problems to my attention My full-time District Office in the Lancaster Post Office is there for you to visit and to take your calls Either way, the staff will let me know what you had to say You are also welcome to visit and-or call my Washington Office, but for most people that's a good deal more inconvenient

We make an attempt to come to you periodically so that if you can't come to us, you still have an opportunity to tell your Congressman what you think or ask for his help My staff makes regular visits to post offices throughout the District to meet with constituents These visits are publicized in advance so that you will know when my representative is going to be near you

And, I don't mean to imply that you are limited to dealing with my staff If you want to see me personally, I hold regular weekly office hours in the District that are open to everyone by appointment. The appointment is necessary only to assure that I'll be in the office when you come to talk

In other words, my staff and I try to be available to you because *you're what the Congressional job is about All you have to do is* write, call or stop in and chat, and you will be a part of getting that job done the right way.

Father's Day Special

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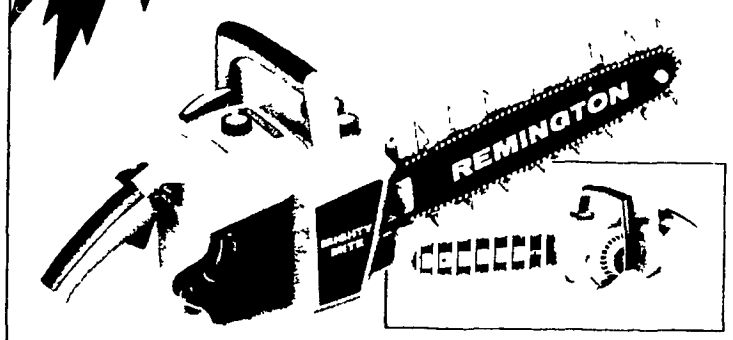

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What's New?

Continued From Page 20

New Flashing Lights

Two new models of portable flashing lights are being offered by Ag-Tronic, Inc. of Hastings, Nebraska. The lights are specially designed for farm and industrial equipment and meet or exceed the performance criteria of ASAE S-216 and ASAE S-307.

The lights are visible 360 - degrees and use a high quality Lexan Lens. They come with amber lens and are equipped with a special 3-Way switch for added versatility. One model operates from a self-contained 6V lantern battery while the other model connects to the 12V outlet on the tractor. 25 feet of cord on the 12V light makes it ideally suited for use on trailing equipment. Both lights are set for 60 flashes per minute. A standard ASAE mounting socket is furnished with each light for ease of mounting and complete portability.

FOCUS ON CATTLE

A report released by Reynolds Securities Inc , projects a transition from near term tightness in cattle supplies this spring to more ample availability this summer and fall.

Over a long period Reynolds notes, cattle prices have been trending up, reflecting the failure of beef supplies to expand fast enough to meet rising consumer demand However, at intervals the pace of expansion in cattle marketing has accelerated moderately, allowing scope for some price weakness. That seems likely to happen in the months ahead.

For the moment Reynolds says, the accent is still on limited beef supply, with tightness accentuated by reduced availability of competing meat, especially pork. According to the Reynolds report, present tightness may continue until later this spring. As a result, recent strength in the cattle market may be extended.

The report cautions that "the timing of the transition to larger supplies may vary, depending on the degree to which current marketings are enlarged by drawing on lighter weight animals." Subject to this uncertainty, Reynolds believes that the rate of beef production will be significantly higher by late June or July. In the second half of this year, Reynolds estimates that beef production will be up 5 per cent to 7 per cent, relative to the same period a year earlier. This should be sufficient to meet demand at around the $32.50-$33 50 cash level prevalent for much of second half 1971. If that is the case, prices in cash and nearby futures (basis August 1972) may recede significantly from possible highs near $36.00 this May or June.

Pa. Milk Production Up

Pennsylvania milk production for the first quarter of 1972 rose 2.9 per cent over the same period a year earlier, according to the Pennsylvania Crop Reporting Service. Estimates for the first three months of this year show total milk production at 1788 million pounds.

Production per cow continued to increase, while the number of cows in milking herds declined from first quarter levels last year. Milk per cow was up 4.3 per cent, and number of cows was down 1.4 per cent.

In March, 1972, there were an estimated 695,000 milk cows in the state. The average milk production was 900 pounds for the month.

In the Philadelphia milk shed area, the cost of producing and marketing 100 pounds of milk was $6.02 for the year ending March 31. The year-earlier figure was $5.88.

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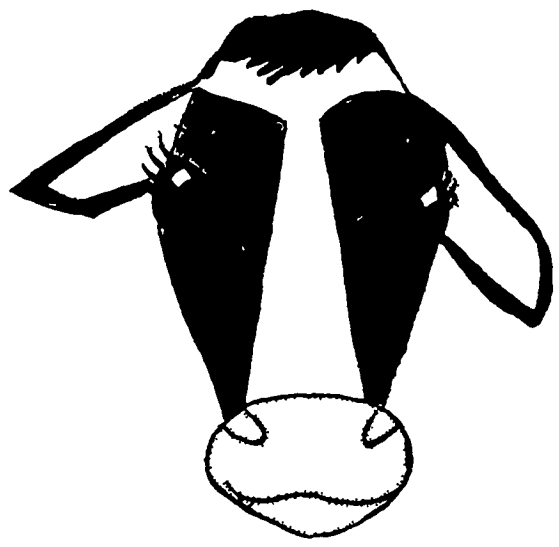

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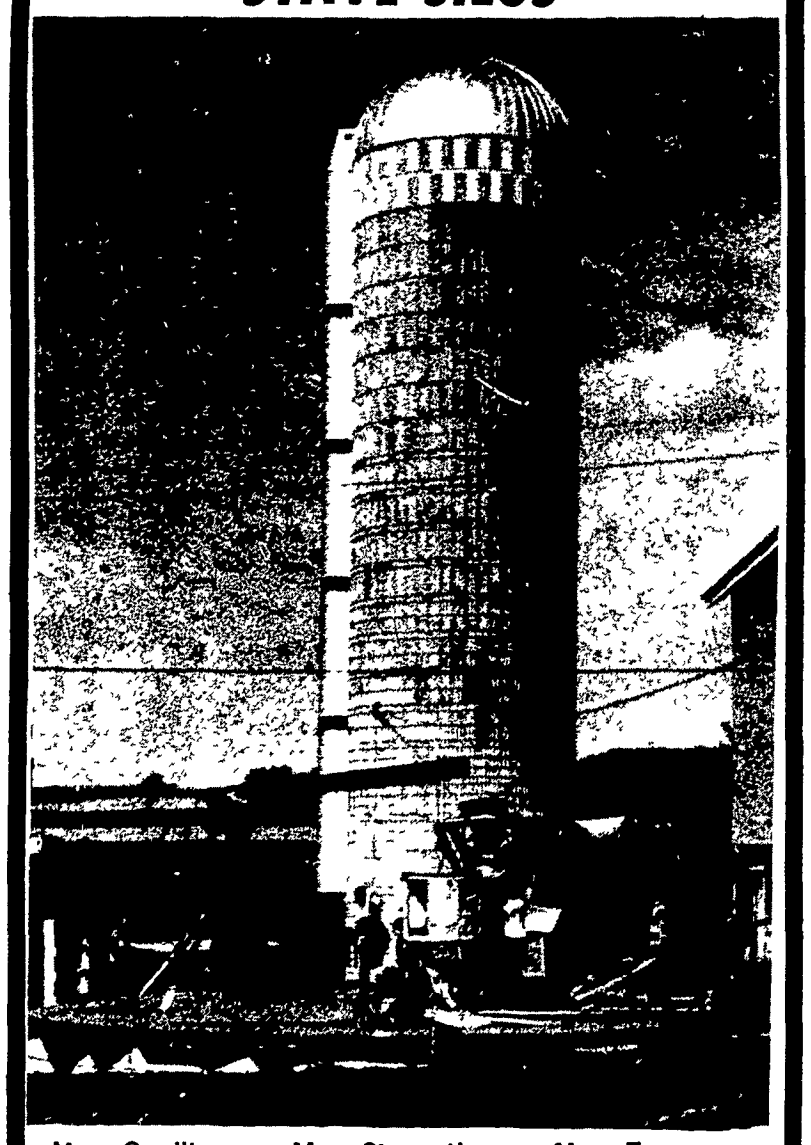

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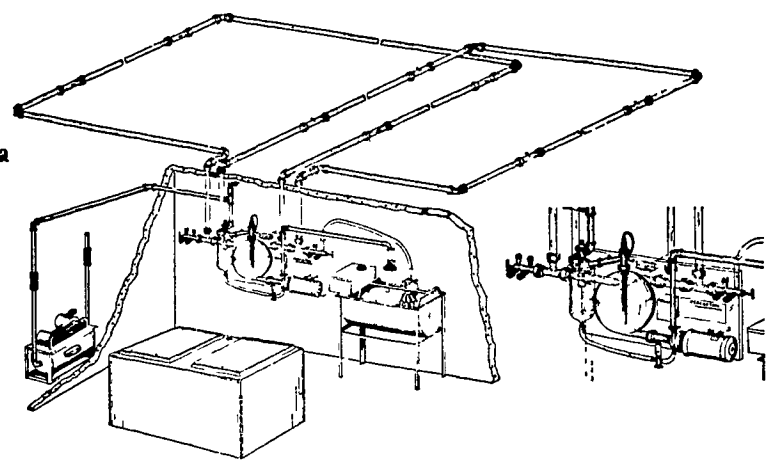

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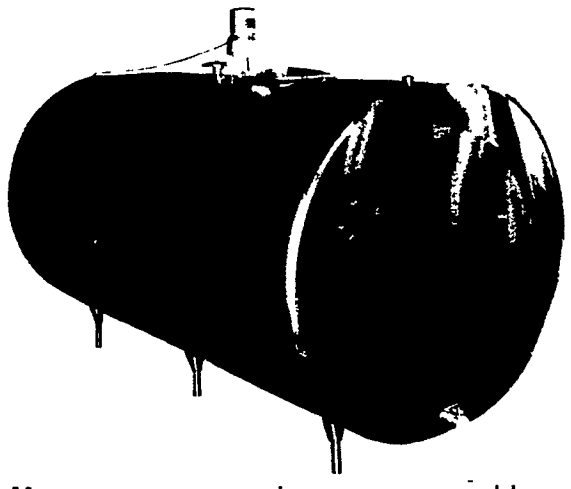

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Move up in versatility "SPACE SAVERS" are "Advanced Evaporator" models which can be installed with one or two compressors, controlled from a dual refrigeration system. These "AE" designed coolers permit buying for your present production needs and allow future expansion at lowest cost

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Conestoga Valley 4-H Cooking Club Organizes

Conestoga Valley 4-H Cooking Club members and their mothers met recently at the Witmer Fire Hall. Miss Joan Lucas, assistant Lancaster County home economist, was present to help organize the Club and inform the girls of the projects

"Tricks for Treats," a 4-H project book, will be used during the six weeks "Fun with Foods" program starting June 13 at the Conestoga Valley High School. The meeting will be held from 11 a.m to 2:30 p.m.

The club elected the following officers: Karen Esser, president; Sandy Myers, vice-president, Susan Pickell, secretary; Michele Forrest, news reporter Mrs Lewis Mengle is Club leader

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4-H Calendar

Wednesday, June 7

7:30 p.m -- 4-H Dairy Cattle meeting and practice session, Farm and Home Center.

Red Rose 4-H Baby Beef and Lamb Club, Farm and Home Center.

Thursday, June 8

7 p.m. -- Elizabethtown-Donegal 4-H Club Ice Cream party, home of Darwin Nissley

Friday, June 9

Penn Willows 4-H Club talent show

Saturdsay, June 10

Saddle Cinches 4-H Club trip to Cowtown Rodeo.

Penryn Elm Club

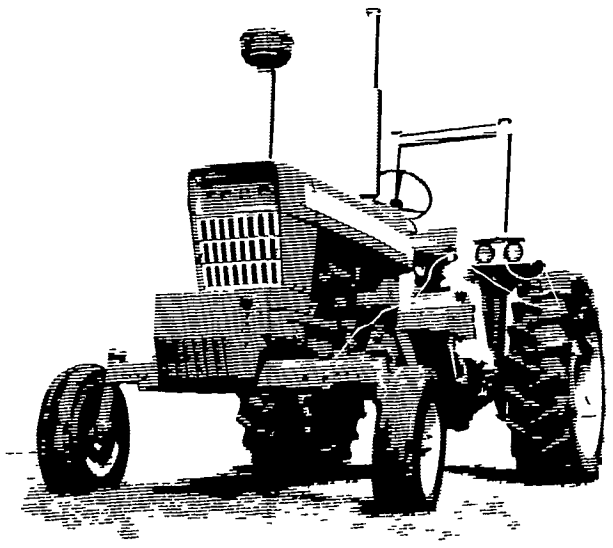
The Penryn-Elm 4-H Sewing Club will hold its first meeting from 1 to 3 p m Tuesday, June 13, at the Manheim Central Junior High School in the home economics department

Contact Mrs. Gerald Myer, 665-5916, or Mrs. Mark Nestleroth, 665-6220, Club leaders, for further information

Storage Times for Meats

The United States Department of Agriculture says you can safely freeze beef and lamb roasts, steaks and chops for eight to twelve months, fresh pork for four to eight months, ground beef and lamb for three to four months, and pork sausage for one to three months

NEW FORD 7000



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Shropshire breeder Warn Menhennett, Cochranville, holds a lamb while David Greene, Scan-O-Gram operator from the University of Maryland, measures the lamb's loin-eye. The Scan-O-Gram machine seen in the background uses sonoray to make the measurement and produces a poloroid picture of the loin-eye. Lamb held by Menhennet was one of 15 rams measured during the Penn-Mar Shropshire Club's spring meeting held at the Menhennett Farm. Through loin-eye measurements, Shropshire breeders are attempting to select rams that will sire improved lamb carcasses. Loin-eye measurements taken during the Penn-Mar Club meeting varied from 1.68 to 2.71 square inches per 100 pounds of body weight.

Loans on 1971-Crop Corn in Warehouses Extended

Warehouse loans on 1971-crop corn were extended at the producers option until May 31, 1973, it was announced by the U. S. Department of Agriculture The extension (reseal) applies after the regular loan maturity date of July 31, 1972.

Farmers without farm storage facilities will have the same options as are available to producers eligible for extended farm-stored loans and can avail themselves of any opportunity to sell their grain at improved market prices at a future time period.

Previously announced were extension of loans on two prior-crop grains in warehouse storage. As in the case of farm-stored reseal, Commodity Credit Corporation pays the storage on warehouse resealed grain. They are: Grain Sorghum--1971 crop; and Wheat--1970 and 1971 crops. Soybeans, barley and oats--none authorized.

For other crops under loan and in on-farm storage, the following loan extensions have been previously announced: Barley--1968, 1969, 1970 and 1971 crops; Corn-- 1969, 1970 and 1971 crops (Maturity date for these extended loans is May 31, 1973); Grain Sorghum--1969, 1970 and 1971 crops; Oats--1968, 1969, 1970 and 1971 crops; Rye--1971 crop; and Wheat--1968, 1969, 1970 and 1971 crops. (Soybeans--none authorized.

Mrs. Anna Johnson, Market Reporter, Retires

Anna P Johnson, a market news reporter with the U S Department of Agriculture's Agricultural Marketing Service retired May 26 after her more than 42-year career

Mrs Johnson, who was USDA's only female dairy and poultry market news reporter, spent her entire period of Federal Service in the Chicago office.

During her many years service, first as a clerk stenographer and later as an administrative assistant and market reporter, Mrs Johnson acquired hundreds of friends in the dairy and poultry industries who frequently called the office for the latest marketing information. The efficient and courteous service she rendered the public was recognized by her supervisors who awarded her Certificates of Merit for superior performance of duties in 1960 and 1964 In 1970 she was nominated Federal Employee of the year for the Chicago area by her agency

If you need a cup of light cream for a recipe, you can substitute 3 tablespoons of butter and 7/8 cup milk This is for cooking only, don't try it in coffee!

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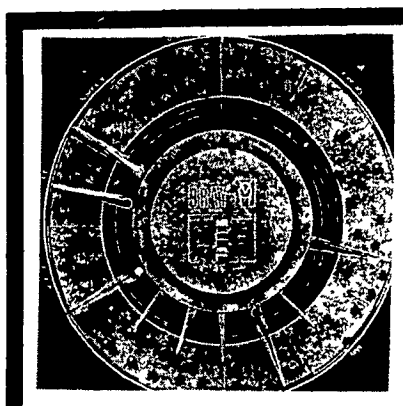
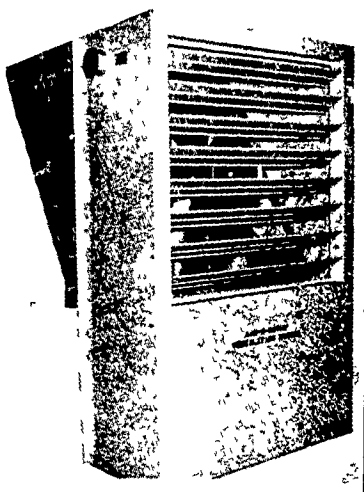
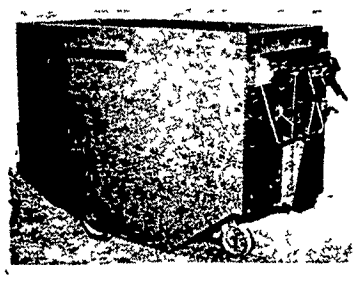


AIR-O-MATIC VENTILATION FANS OF ALL SIZES AND SHAPES





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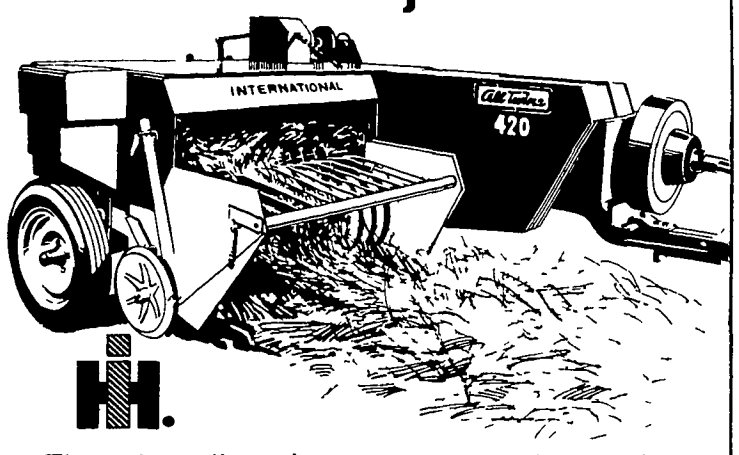

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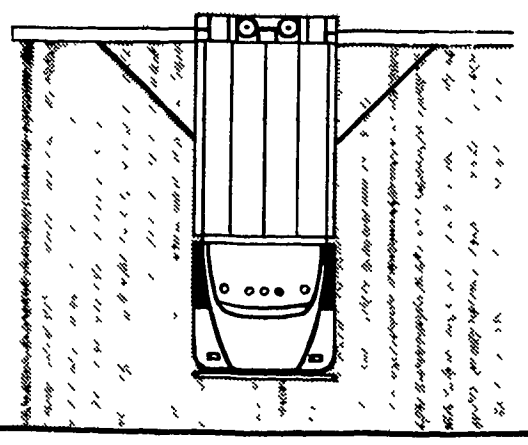

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Farm Safety Advisory Committee

Expansion of the membership of the Advisory Committee on Safety in Agriculture to provide representation for farm labor and persons with expertise in migrant labor problems, and to get broader representation from farm news media was announced by Secretary of Agriculture Earl L. Butz.

A California farm labor crew supervisor, a Colorado county health official active in field labor housing, a black physician from Florida who is a member of the Migrant Rural Health Committee, two farm editors and a California grower were among those added to the committee.

"Addition of these fine people to this committee will give us a broader insight into the agriculture safety problems which the USDA must handle in meeting its responsibility under the Occupational Safety and Health Act," Secretary Butz said.

Being added to the committee are: Joe M. Herrera of Delano, Calif., a foreman supervisor of farm labor crews; George J. Houck, director of the Otero County Health Department, Rocky Ford, Colo.; Dr. Von D. Mizell of Ft. Lauderdale, Fla.; Robert G Rupp, editor, The Farmer Magazine, Hastings, Minn.; William H. Zipf, farm editor, the Columbus (Ohio) Dispatch, and Kelvin K. Larson, Palm Springs, Calif.

The committee was organized in 1971 and met last December to advise the USDA on agricultural and rural safety; development of safety standards, accident data collection and analysis, and information and instruction to help farmers and farm businesses comply with regulations on farm safety.

Water Roses

Make sure that those newly-planted roses have plenty of water, say Extension ornamental horticulturists at Pennsylvania State University Direct a small, slow-moving stream of water from a garden hose around the base of each plant Soak to a depth of eight to 10 inches

Removing Perspiration Stains

Hot weather inevitably means perspiration—and often stains Mrs Ruth Ann Wilson, Extension clothing specialist at Pennsylvania State University, says to remove these stains, soak the garment for at least 30 minutes in a detergent solution If the stain persists and it's a fresh one, sponge it with ammonia Sponge old perspiration stains with clear vinegar After sponging the stained area, rinse thoroughly with water, and launder the garment in water as hot as the fabric permits Use a bleach that is safe for the fabric if it has yellowed

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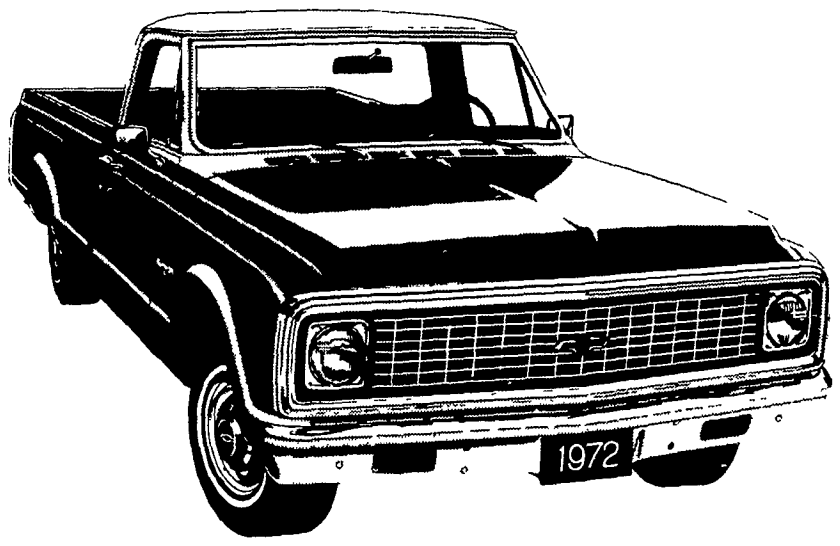

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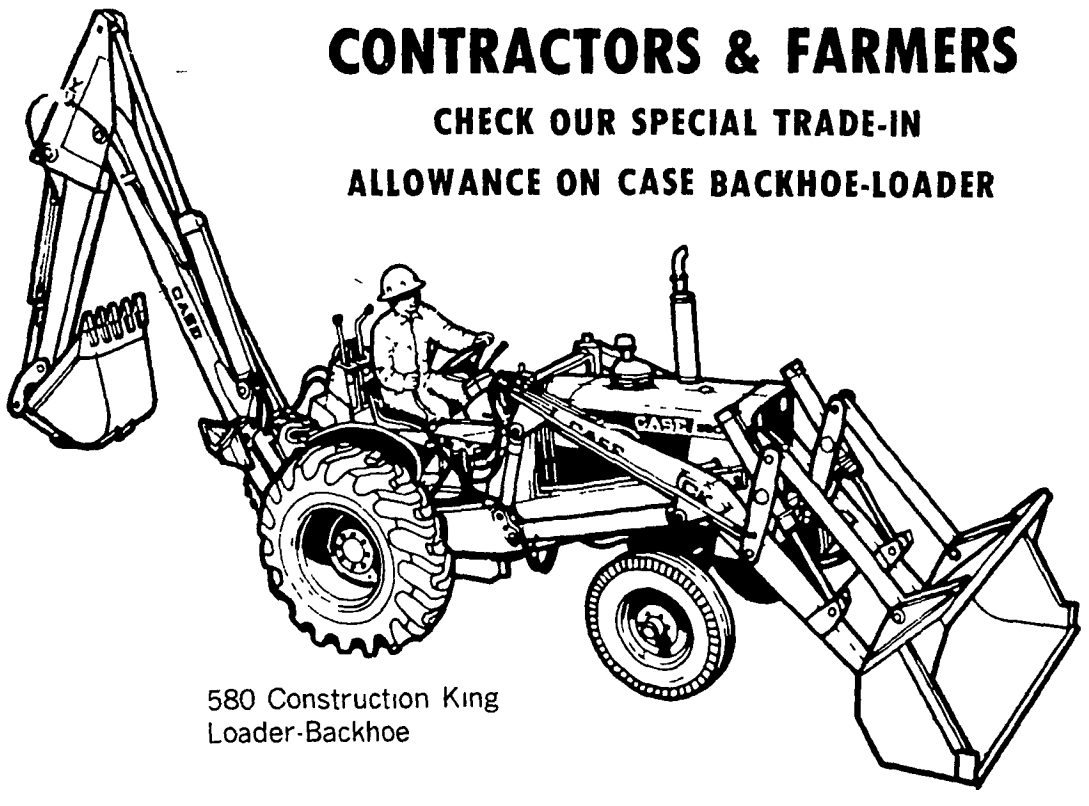

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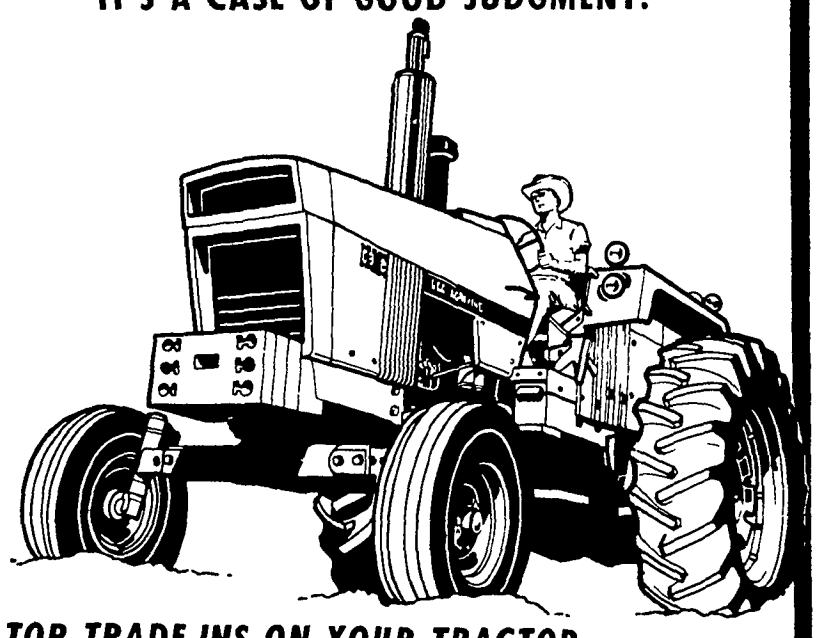

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CASE SALES & SERVICE

Mrs. Rhelda Royer, Involved in Dairy Farming

by Mrs. Charles McSparran
Farm Feature Writer

Mrs. Herbert (Rhelda E.) Royer, 2025 Oregon Pike, in Manheim Township, is the founder of one of the top Holstein dairy and breeding herds of Lancaster County, serves as secretary-treasurer of two dairy herd breeding syndicates of which Royers are part owners, keeps herd and farm books, acts as a part time tour guide, is a 4-H leader besides being an efficient homemaker.

It all started when Rhelda, the daughter of the late Mr. and Mrs. Witmer Eshelman of Donegal, had Angus 4-H steers. She had two and each time she had to part with one she was broken hearted County agent, M. M. Smith, suggested she get a dairy animal so she could keep it. Thus she gives him credit for the incentive that eventually developed into the business Royers have today She also gives credit to Earl Greff for interesting her in Holsteins.

Her original 4-H animal was Caernarvon Ragapple Creamelle Rhelda gave her the nickname "Blossom " Mr Smith selected her from the Naaman Stoltzfus herd at Elverson. Rhelda's father had a mixed grade herd of about 18 cows His herd not being certified Rhelda could not take Blossom to shows Rhelda loved the cows and helped with the milking at home

Rhelda married Herbert Royer who farmed for his father, E. R Royer, on the farm they now own and operate Herbert's father bought the farm in 1914 He raised about 30 steers a year Herbert also kept 1,500 laying chickens In 1952 Newcastle disease hit the chickens and the steer market broke.

Rhelda says "I always loved animals It was this love that got this thing going. I always wanted to have a dairy herd and wanted the best herd as equity." Because of her keen interest in animal breeding she studied pedigrees and genetics

Royers named the farm Blossomelle and use this name as their herd name It came from the name and nickname of Rhelda's 4-H cow Rhelda bought Caernarvon Rose Elaine, a two year old milking cow bred to Ivanhoe, a a Keystone Classic Sale at Mount Joy in 1957 Elaine came from the Stoltzfus herd also but was not related to Blossom This and two of Blossom's daughters were the nucleus that started this fine breeding herd A fourth of their present herd stems back to old Blossom Royers are really concerned with cow families Mrs Royer says "You have to develop them." She plans pedigrees five years ahead of time

Mrs Royer says she thinks dairy farmers should give some of their best animals to their children to get them interested. Royers have a daughter Averrill and a son Lynn to whom they gave some of their best stock They gave Averrill one of Caernarvon Rose Elaine's daughters, Blossomelle Zsa Zsa 91-2E, for her 4-H project She is an Ivanhoe cow. She is listed in the National Holstein Newsletter with 150,000 pounds record She won reserve Junior All-American in 1964 She will be 13 years old in August She has four 1,000 pound butterfat records. In DHIA and DHIR she was on the class leader roll for butterfat two years Averrill had this cow all through 4-H plus a couple others. Mrs. Royer says "She is the queen bee of the herd "

Averrill received county awards for keeping records in the lamb, dairy and baby beef 4-H clubs and was also in flowers, sewing, cooking and photography 4-H clubs She was awards winner in Veterinary Science at the National 4-H Club Congress in Chicago in 1969. She was grand champion winner in the Holstein fitting and showing contest at the state Junior Dairy Show in 1969 and reserve champion in 1971. She was Outstanding 4-H Club Girl in Pennsylvania one year. In this she had to fill out a blue form They are judged on all their accomplishments in this contest. She also won on a demonstration at Club Days at Penn State in which she showed how to give a demonstration She was on a judging team at P S U Dairy Expo in 1968 which placed first

Averrill graduated at Millersville State College in Elementary Education last week and has accepted a teaching position in the kindergarten of Glen Rock, York County She works part time at Gimbels, Park City

Lynn is taking a real interest in the herd Mr and Mrs Royer bred "Blossomelle Easter Bambi" and gave her to Lynn. Now he has 22 registered animals and most are from his original Bambi He has six cows and the rest are heifers and calves He helps with the dairy when he is home. Lynn won fitting and showing awards many times He was reserve grand champion showman and fitter last September at the Pennsylvania Junior Dairy Show and placed first with Lovee Dove in the 4-H Holstein Show

He was president of the County 4-H Tractor Club and received an award for his record books for three years. Lynn, Marlene Harbold and Robbie Hess placed first as a judging team at P.S.U. Dairy Expo in May. He will be a senior at Manheim Township High School next year. He is taking a college prep course and wants to take Industrial Arts at Millersville State College after graduation from high school. He plans to make a grandfather's clock in wood shop at school next year. He took metal shop this year. He panelled the kitchen and made some closets for his mother this year. He also helps his father do wiring and welding.

Mrs. Royer holds an antique teapot, one of several prized old dishes she keeps in her beautiful walnut corner cupboard.

Mrs. Royer was in charge of the County Dairy Princess contest from 1964 to 1969. It was in 1965 that one of Royers' top heifers was born and they named her for the then county Dairy Princess, Linda Welk.

Royer's bred four animals which are classified excellent: Zsa Zsa, Princess, Black Gold and Bambi. Bambi is in the Kepler herd in Maryland. She topped Royal Ragapple Sale in Earlville Invitational Sale in New York in 1962. Dairy Princess got the All-Pennsylvania award for aged Holstein cows last October. She is the fifth generation granddaughter of old Blossom. Dairy Prince, son of Dairy Princess, was sold in Brazil and has just won his class at a show there.

Mrs. Royer is secretary-treasurer of two Holstein breeding syndicates. They, as well as Royers, have liquid mercury filled tanks to keep the semin in at Royers' farm. They also store some at Atlantic Breeders. Royers have young bulls and heifers for sale also at their farm.

There are 15 members in the "Model Holstein Syndicate." They have members in Maine, New Hampshire, Massachusetts, New York, Pennsylvania, Maryland, Rhode Island, and Florida. They bought Briar Kill Admiral Model in New York and have him at Royers. He was sire of All-New England Junior Get in 1971. They have meetings in July and December.

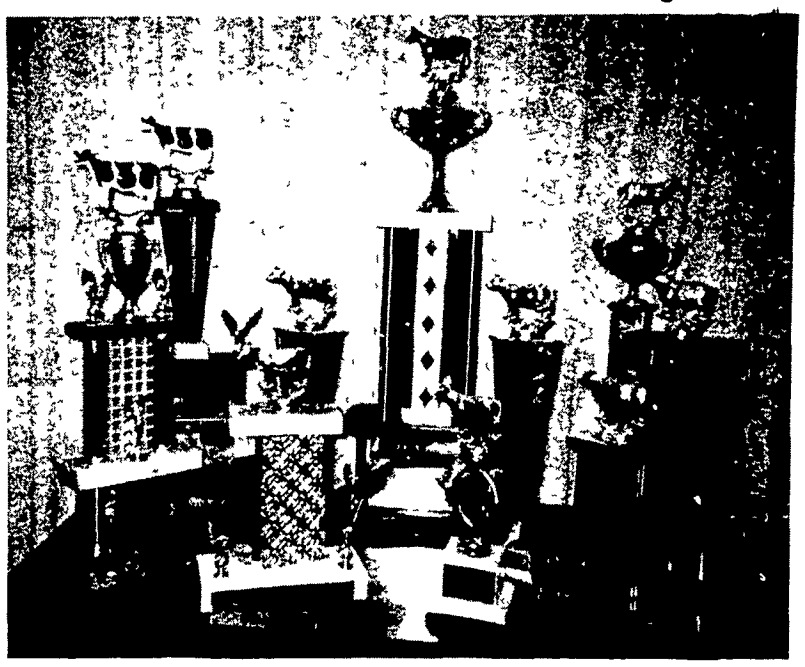
There are eight members in "Marathon Ormsby Breeders Syndicate." They own four bulls. The most famous is Sills Dale Marathon Model. All the bulls are sons or grandsons of Amcana Dictator Model. This is the bull Royers combined with Ivanhoe to make some special matings. Mrs. Royer tried to find the owner of Amcana from 1960 to 1967 when she found the owner of this semen and bought half interest. It is for sale now. Black Dove, Lovee Dove and High Hat are offspring of Amcana. Lynn has Lovee Dove cow. Black Dove is a full brother and is leased to Tri-State Breeders of Westby, Wisc. High Hat was sold and is in the Dominican Republic. These syndicates and Royers advertise in Holstein World. They have frozen semen from all the top bulls in the country. It started as a hobby with Mrs. Royer.

Blossomelle Zsa Zsa 91-2E had Flying Streak which Atlantic Breeders purchased, Prince Charming which is at American Breeders and Zip Code which is at a private herd in Wisconsin where they are proving him. Prince Charming was top selling bull at the National Convention Sale in Minneapolis in 1967.

Zsa Zsa had three daughters: Powder Puff, Sweet Dream and Lady Luck. They were kept in Royers' herd. Powder Puff died since. Two of Zsa Zsa's brothers were Black Watch and Black Gold. Black Gold was at Atlantic Breeders and Black Watch was at Sire Power, Tunkhannock. Blossomelle Black Watch was top selling animal at the Pennsylvania Golden Harvest Sale in 1964. A third brother Black Secret is in the Dominican Republic.

Royers received the Progressive Breeder award, which is top award for herd, from the National Holstein-Friesian

(Continued On Page 29)



Averrill and Lynn Royer's trophies won with animals at Junior Dairy Show and State Black and White Shows.

Mrs. Royer holds a pewter pitcher won in 1962 at the Pennsylvania Black and White Show in the daughter-dam class for Zsa Zsa and her mother Caernarvon Rose Elaine. Several other awards are displayed. In background is her prized wooden collection

"Blossomelle Dairy Princess," seven-year-old registered Holstein who won All-Pennsylvania award last year.

Mrs. Rhelda Royer, Involved in Dairy Farming

(Continued From Page 28)

Association, Brattleboro, Vt., for four years.

Royers exhibited at the state Black and White Show since 1955 and at the Pennsylvania All-American Show since 1964. These shows are held at Harrisburg in September.

Mrs. Royer was delegate to the National convention of the Holstein-Friesian Association in 1966, 1967 and 1970. There was only one other woman delegate to this convention. She was chosen because of her interest in animals.

For 14 years she was either leader for Lancaster County Veterinary Science 4-H Club or for the Manheim Sewing and Cooking Club. She has served as a judge for clothing construction and dairy shows. She was chairman of the ladies program for the Pennsylvania Holstein Association in 1963 and used to be banquet chairman for the Lancaster County Holstein Association.

Mrs. Royer received a life membership plaque in the Dairy Shrine Club in 1970.

Royers have over 100 registered Holstein animals of which 56 are milking cows. Fourteen of their cows have produced over 100,000 pounds of milk and 10 of them are home bred cows. They have 44 milking at the present time and are averaging 2,150 pounds of milk a day. They ship to Inter-State Milk Producers and their milk goes to A. & P.

To contrast their small beginning in the business Mrs. Royer framed their first milk check statement which was $9.31 for two weeks. They shipped milk to Hershey Chocolate Corp. 1953-1954, then to Cloister Dairy till 1968. Although some of their cows have made some excellent production records their outstanding accomplishments have taken place in breeding top quality dairy animals.

After selling some of their ground for development, some for the Lancaster School of the Bible and lost some to highway construction they have 79 acres where they raise 60 acres of corn and some hay They rent 20 acres across from the Eden Theatre to grow hay. Royers' is strictly a family operation. They do not hire outside help.

Mrs. Royer's main duties with their herd is to milk the high producers, clip the calves and register the animals. She keeps all the records and accounts for the herd and farm. She says, "I'm bugs on books."

Mrs. Royer recently completed a correspondence course in a Motel Management Training Course with Universal Motel Schools, Inc. in Florida and made the Deans list. She is supposed to take two weeks actual training there but says she will have to wait till Lynn is through school.

She is a part time tour guide for Rutt's Tours, Intercourse. Buses come from New York, Richmond, Baltimore, Jersey City and Washington. She gets on their bus and takes them to dinner and is with them all day. They go all through the Amish country, Hershey, Gettysburg, Mount Gretna, Cornwall Furnace and Christmas Village.

Royers are charter members of Highland Presbyterian Church. When Herbert was a member of St. Paul's Reformed Church in Lancaster he taught a Sunday School class and sang in the He is very musical. He used to sing in the East Petersburg Men's Chorus. He plays trumpet.

The whole family is musical. Rhelda plays saxophone, Averrill the piano and Lynn the trombone. Lynn is in the Manheim Township High School band and the Manheim Township Mellow Tones dance band.

Herbert was a 4-H leader for five years, part of the time leader of the Baby Beef Club and part for the Tractor Club. He likes field work, welding and taking care of machinery.

You might think Mrs. Royer doesn't have time to care for her house with all her herd activities but she says "You just have to be highly organized I don't work out all the time. I love to clean and keep house"

She is interested in interio decorating, refinishing furniture and sewing She made drapes for her house. She took an Extension course in tailoring and did a lot of sewing when she had time She likes to cook but has to make casserole meals sometimes when she is so busy. They have a good family life and enjoy dancing.

Royers have some nice an-

Mrs. Herbert Royer, 2025 Oregon Pike, proudly holds a picture of Blossomelle Zsa Zsa as she sits in her office, surrounded with framed registration papers and trophies.

tiques in their 99 year old house that have come down through their families. They have old china, a beautiful walnut inlaid corner cupboard, an old rocker, dough tray, drop leaf table, marble top tables and dresser and a desk-chest of drawers combination that was made in 1843.

Mrs. Royer has 32 framed pictures of their different dairy herd animals hanging in their kitchen. She has a collection of wooden articles, many of which were made by her uncle Paul Eshelman who is professor of Industrial Arts at Millersville. She has a number of pewter pitchers and silver bowls and trays which they have won with their animals, also a number of trophies the children have won with their animals.

Here are some favorite recipes of Mrs. Royer:

Hawaiian Milk Punch
Yield: 3 quarts

1½ quarts vanilla ice cream, softened
3 cups pineapple juice, chilled
1-3 cup orange juice
3 teaspoons lemon juice
4 cups cold milk

In a mixing bowl, while beating softened ice cream, gradually add fruit juices, then milk, beat until frothy Pour into chilled punch bowl.

xxx

Chocolate Syrup

1 cup Ideal cocoa
2 cups sugar
1½ cups hot water
1 tablespoon butter
½ teaspoon vanilla

Mix thoroughly, add portion of hot water and work into a smooth paste Add balance of water and bring to a boil, stirring constantly Vanilla extract may be added to taste. Bottle, cork tight and keep in a cool place. One part syrup added to eight parts of cold milk makes a delicious and nourishing drink.

xxx

Caramel Pudding

2 tablespoons butter
2 cups brown sugar
3 cups milk
4 tablespoons flour
3 eggs

Brown butter well. Mix sugar with butter. Add milk and bring to boil. Then add flour and egg yolks and bring to boil. Stir in whites and vanilla after taken off the stove

xxx

Cherry Carnival

Sift together into bowl
1¾ cups sifted flour
2 teaspoons baking powder
½ teaspoon salt
¼ cup soft shortening
1 cup sugar
1 large egg
¾ cup milk

Blend· 2 cups cut-up well-drained pitted sour cherries (save juice) ½ cup cut up nuts

Bake 30 to 40 minutes at 350 degrees Serve hot with hot clear red sauce·

Mix together in saucepan·
½ cup sugar
2 tablespoons cornstarch
Stir in gradually
1 cup boiling water
¾ cup juice from cherries or raspberries

Boil 1 minute, stirring constantly Stir in
¼ teaspoon almond extract
Few drops red coloring, if desired
Keep hot until time to serve

xxx

Beef Loaf

2 lbs ground beef
1½ teaspoons salt
¼ teaspoon pepper
1 small onion, chopped
1 teaspoon worcestershire sauce
1 cup dry bread crumbs
2 eggs, beaten
½ cup tomato juice

Combine all ingredients and bake 1 hr at 350 degrees

xxx

Layered Cranberry Salad
Yield: 8 to 10 servings

Use 6½ cup ring mold
Cranberry layer
1(3 oz) pkg orange flavored gelatin
1 cup boiling water
3 tablespoons sugar
2 teaspoons lemon juice
1 (10 oz.) pkg frozen cranberry-orange relish, thawed
Cottage cheese layer·
1 cup dairy sour cream
½ cup cranberry juice

(Continued On Page 30)

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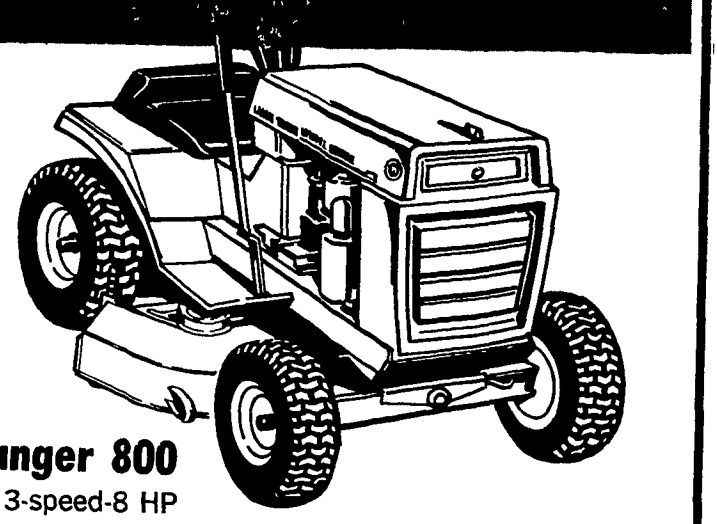

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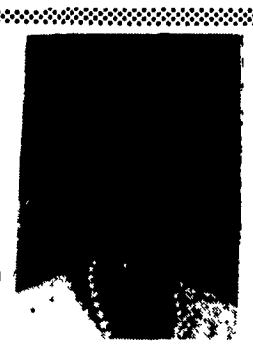


Doris Thomas

By Doris Thomas,
Extension Home Economist

About Use of Consumer Credit

At one time, consumer credit was used only by those in financial distress. And, because they were often exploited by the lenders, attitudes developed against the use of credit. Since the end of World War II, attitudes have changed. And the use of consumer credit has expanded rapidly. In fact, total debt held by individuals is greater than corporation debt or that of the federal government.

Credit is most often used by families during the years of heavy responsibility—when they are collecting their homes and possessions and children are growing up.

Patterns of family living have changed. And some experts feel the need for credit is greater now than it was two generations ago. Young couples usually haven't started earning peak salaries nor do they have a backlog of savings when their financial needs are the greatest.

Credit is no longer considered the mark of poor money management. Using credit is accepted as a normal way of supplementing the family income Credit is used to meet the strain of current needs which available income can't meet Through use of credit, families can buy homes, furnishings, and equipment, automobiles, and other goods. And they can use them while paying for them. About ninety per cent of automobiles bought and sixty per cent of other durable goods are now bought with installment credit. Instead of saving to buy an item after the money is collected, the item is bought and savings are begun through the "on-time" payments.

About Low-Cost Family Vacations

A family vacation doesn't have to cost a lot of money. There are ways to have rewarding, relaxing and low-cost family vacations. And camping isn't the only answer. If you have young children, perhaps just staying home will be the easiest. Being at home often appeals to children more than traveling long distances.

If you're going to stay home, take a break from everyday routine. Seeing local tourist attractions and perhaps eating in restaurants can be fun and inexpensive. And you won't have to pay for lodging.

If your children are old enough, a bicycle or walking tour offers a chance to explore surrounding areas.

It's even possible to swap your city home for a country one, or vice-versa. Home swapping has become a popular way to spend a restful and rent-free vacation.

Some city hotels give family rates or special summer rates to encourage out-of-town visitors during a slow season. The hotel may take children under 12 free ..and offer bonus features such as swimming, babysitting and tours.

Transportation is usually the most costly item. Using your own car will help keep costs low. Figure two or three cents a mile for gasoline and other car expenses.

Nature hikes, tours through mills, factories and historical sites can cut costs and at the same time be interesting and educational. And packing lunches to eat at roadside parks can cut down your daily food bill by a couple of dollars a day. A family vacation doesn't have to be costly to be fun.

Rose Disease Controls

Proper use of certain fungicides will control black spot and powdery mildew, the two most serious diseases of roses, according to 14 years of testing by plant scientists at Pennsylvania State University.

Black spot is best controlled by spraying at weekly intervals with fungicides containing any one of the following—Daconil 2787, maneb, or folpet. Powdery mildew of roses is restrained best by spraying with products containing benomyl (Benlate, Benomyl).

The tests were carried out by L. P. Nichols and P. E. Nelson, plant pathologists with the College of Agriculture at Penn State. During the last two growing seasons they found that none of the fungicides tested would truly control both black spot and powdery mildew of roses.

As for black spot, Daconil 2787 has given the best control for the past four years. Both maneb and folpet gave good control of black spot from 1964 to 1971. To date, benomyl has been the most effective fungicide for powdery mildew.

Rose growers are familiar with the damage caused by these diseases on roses. During wet weather, black spots may cause serious defoliation. This weakens rose plants and makes them most susceptible than otherwise to winter kill, Nichols and Nelson point out. Powdery mildew disfigures the leaves and flower buds with a powdery white mildew coating.

Weekly fungicidal spraying in

(Continued On Page 34)

Mrs. Royer

(Continued From Page 29)

1 (3 oz.) pkg. orange flavor gelatin
2 cups cottage cheese
cup chopped celery
½ cup chopped walnuts
1 teaspoon lemon juice
¼ teaspoon salt

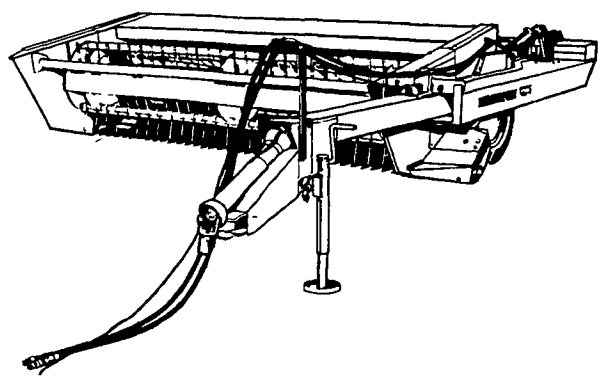
To prepare cranberry layer: In a bowl pour boiling water over gelatin; stir until dissolved. Stir in sugar, lemon juice and relish. Turn into mold. Chill just until set.

To prepare cottage cheese layer: Heat cranberry juice to boiling, pour over gelatin and stir until dissolved. Stir in cottage cheese, celery, walnuts, lemon juice and salt. Gently fold in sour cream Pour over cranberry layer. Chill until firm.

HESSTON

PULL-TYPE
PT-10 Windrower

Save the leaves
in windrows or swaths!



This medium-sized pull-type windrower with direct-feed hay flow through 110-inch conditioner rolls lets you build high fluffy windrows or fast curing swaths See the conditioner rolls that give a gentle, positive cracking action that lets moisture evaporate while nutrient-laden solids are retained Compare the quality Hesstonized Hay to that produced by intermeshing rolls that mangle the crop, squeeze out plant juices and create a vortex air motion that blows a green cloud of precious leaves into the air See the PT-10 today!

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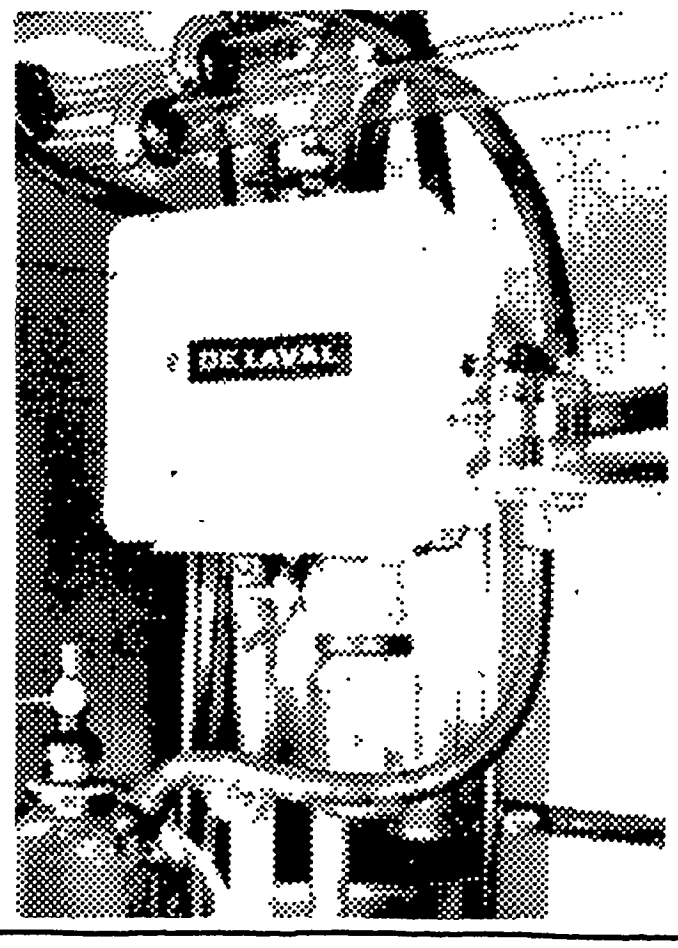

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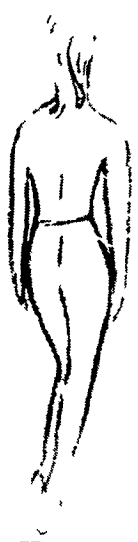

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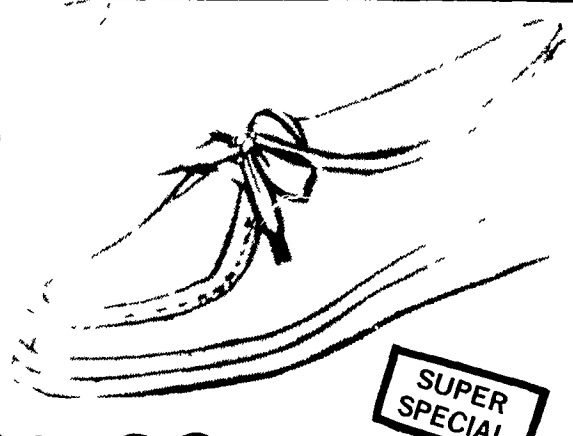

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Your Choice of Oxford Style or Slip-On Stlye in Either Fabric
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Sizes - 6½ to 12 MADE IN U S A

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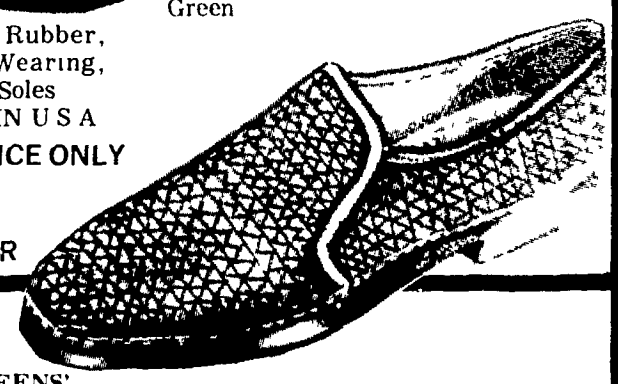

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BASKETBALL SNEAKERS

3-Stripe Sneakers in the Following Combinations - White with Red & Blue Stripes Blue Denin with Red & Blue Stripes Beige with Brown Stripes

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PLAIN STYLE **$1.66** A PAIR 3- STRIPE **$2.44** A PAIR

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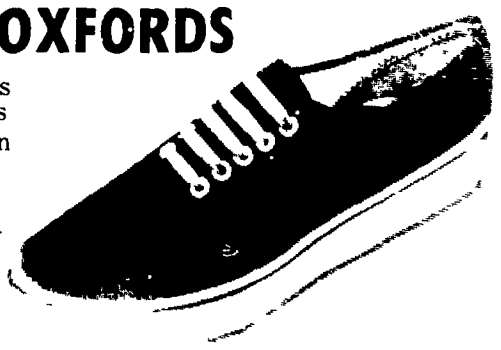

Thick, Slip-Resistant, Soles high Grade, Cotton Duck, Uppers Full Length, Foam Rubber, Cushion Insoles with Extra Padded Arch
COLORS - White or Navy
SIZES - 5 to 10 -- Made in U S A

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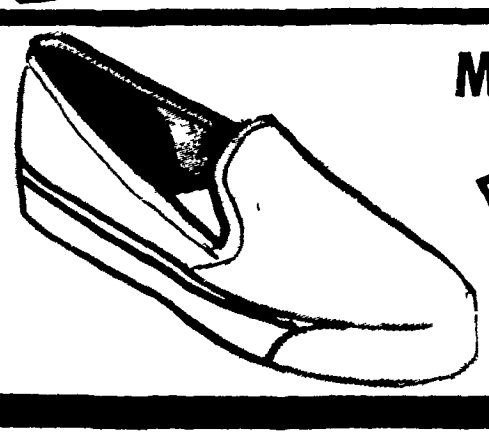
MEN'S BOAT OXFORDS & SLIP-ONS



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Slip-Resistant, Wavy Tread, Soles Thick, Full Length, Sponge Rubber, Cushion Insoles with Padded Arch High Quality, Cotton Duck, Uppers
COLORS - White, Navy, or Loden Green
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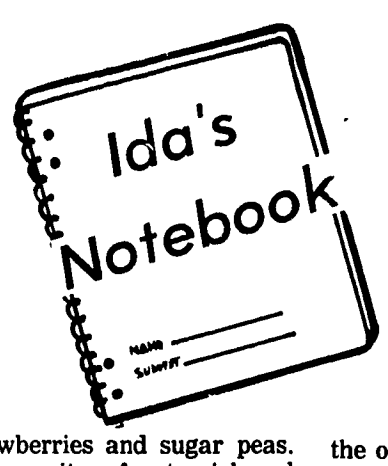


Ida Risser

Strawberries and sugar peas. We have quite a few to pick and with school closing a week away, I'll be busy until there are extra hands to help.

Our garden is a busy place from April until November. As soon as I neglect if for a few days, the radishes shoot and give seed and the cabbage gets worm eaten. Later on a day or two will make the difference between tender and not so-tender green beans. And anyone who has grown cucumbers knows how much they can grow overnight

So we work and are very thankful we have duties and are capable of performing them.

xxx

The other week I had the privilege of going to Washington, D C with a group of children for a days tour

We saw the Capitol, the Washington Monument and the Lincoln Memorial Everyone enjoyed seeing the stamps being printed and also the huge sheets of currency being cut into neat piles of one-dollar bills. Two-thirds of the notes printed are of the one-dollar denomination and they are worn out in 18 months time.

The Bureau of Engraving and Printing delivers postage stamps to 12,000 post offices in the United States.

We saw the Changing of the Guard at the tomb of the Unknown Soldier and also the flame at the grave of John F. Kennedy in Arlington National Cemetery in Virginia. Several hours were spent in various buildings of the Smithsonian Institute. We saw atomic experiments, colonial-time crafts and houses, stuffed animals and stones and minerals including the famous "Hope Diamond". So many fields of arts and sciences were covered that I can't remember them all.

the wonderful group of five boys for whom I was responsible They were well-behaved and surely gave me a pair of tired feet to drag home that night. It seems youths enthusiasm and energy are boundless compared to the older generation.

Farm Women Calendar

Saturday, June 3

Farm Women Society 10, luncheon with Society 14, Farm and Home Center.

Thursday, June 8

1:30 p.m. -- Farm Women Society 9, home of Mrs. Esther Huber, Marticville.

Farm Women Society 21, home of Mrs. John DeLong, New Providence RD1.

Farm Women Society 14 meeting.

Friday, June 9

Farm Women Society 13, home of Mrs. John Miller 1686 Lincoln Highway East.

Saturday, June 10

1:30 p.m. -- Farm Women Society 25. home of Mrs. Richard Gregory.

6 p.m. -- Farm Women Society 23, home of Mr. and Mrs. J. Clayton Charles, Lancaster RD6.

Recipe Correction

Flour was omitted from one of the recipes which was printed last week. The correct recipe should read:

Quick and Easy Cake

Break 2 eggs in a cup and fill it with milk.

Sift together:

1 cup flour

1 cup sugar

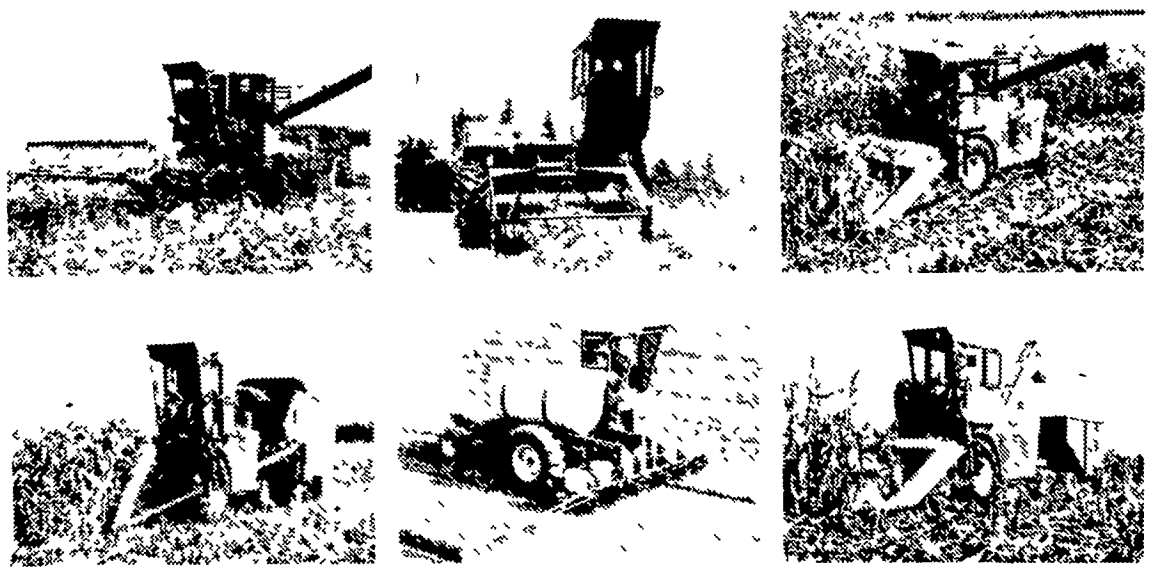
1 heaping teaspoonful baking powder

Stir two mixtures together and add 1 teaspoon flavoring. Add ¼ cup melted butter last.

Beat and bake in loaf pan, sheet cake, layers or cup cakes. Bake in 350 degree oven.

Mrs Lewis Nafzinger
Rt 1, Hacks Point
Earleville, Md

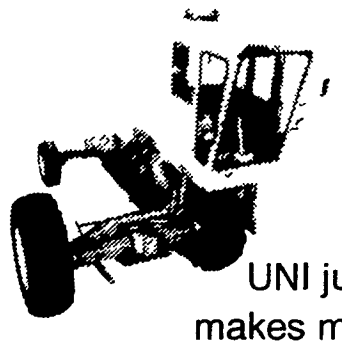
UNI-SYSTEM...
it just makes more sense!



The Uni line is getting bigger all the time . . more uses for more seasons. Now more than ever it is the system that can save you money.

You can have a Uni-Combine, Uni-Sheller, Uni-Picker, Uni-Forage Harvester, Uni-Rotary Snow Plow—even a Uni-Tool Carrier to plant up to 8 rows at a time, applying liquid fertilizer as you go. There's a Uni for practically every season.

Build your Uni-System on a single Power Unit—that's the key to Uni's economy. Just one investment in engine, tires, transmission, etc., for two or more self-propelled machines. Interchange machines on the Power Unit in about an hour.



Pick the Power Uni that fits your needs best
Choice of three hefty models: OHV 6 engine with 292 cu. in. and 80 available PTO horsepower; V-6 engine with 401 cu in and 110 available PTO horsepower; V-6 Diesel engine with 478 cu. in. and 110 available PTO horsepower.

UNI just plain makes more sense!

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LOOKING and LOOKING
TALKING
ABOUT LIQUID MANURE HANDLING

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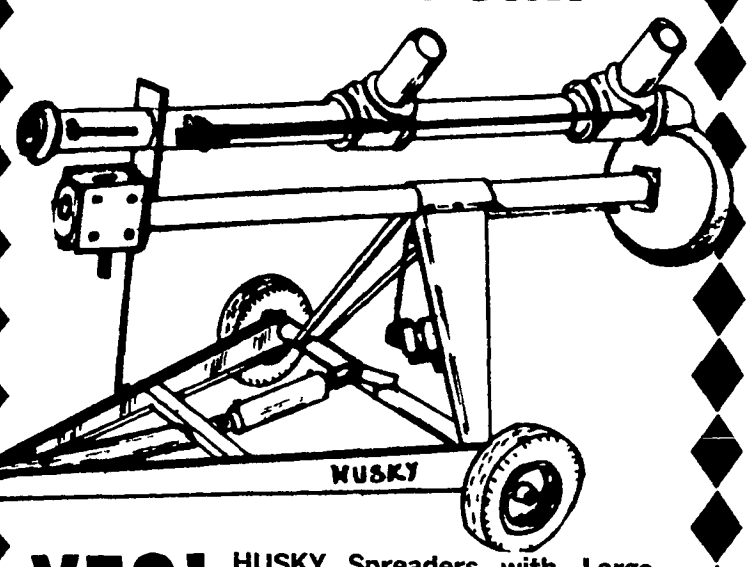
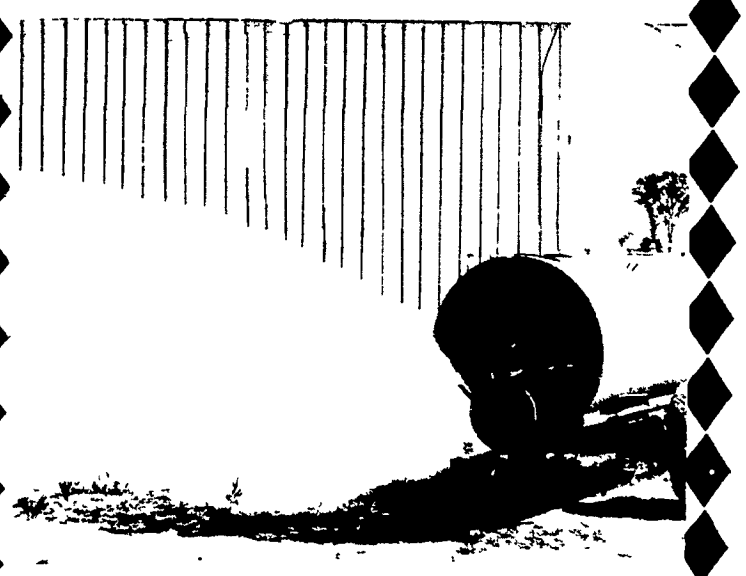
MANY FEATURES ADDED TO MAKE THIS THE BEST PUMP FOR PROBLEM PITS

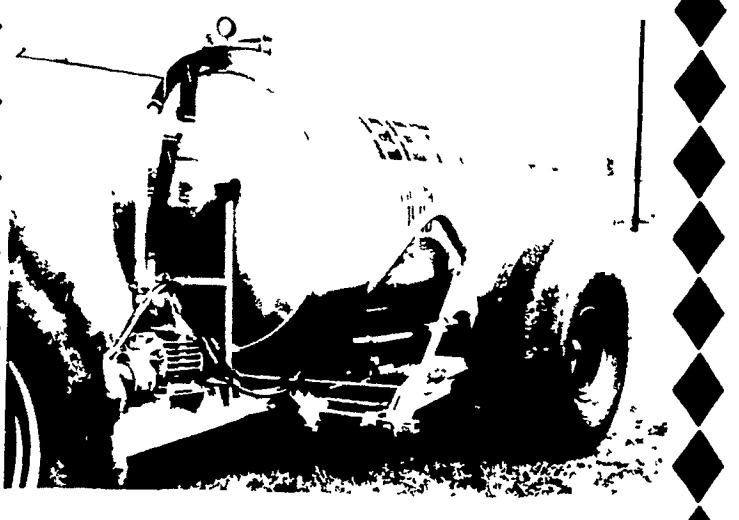
HUSKY C72 LIQUID MANURE PUMP



YES! HUSKY Spreaders with Large Volume Spreading and Plow Down Attachment.



YES! We have the "BETTER-BILT" Vacuum System with Plow Down Attachment.



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ITEMIZED LIST IN LANCASTER NEWSPAPERS THURS. MORNING AND EVENING

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"The average girl needs beauty more than brains, because the average man can see better than he can think."
Think about this: I have beautiful flowering plants in the garden center greenhouse at the Lititz store. It's now growers surplus time with plants galore which means I have a selection that is tremendous and the price is right. Beautiful quality plants are arriving daily. Stop in often and take advantage of the many good buys. If it's beauty you want for around your home, I'm the man to see.

Warmest welcome,
Harlan Brubaker

NURSERY DEPARTMENT

DEAR DO-IT-YOURSELFER,
"It takes less time to do a thing right than it does to explain why you did it wrong." You do-it-yourself landscapers can understand the importance of this statement. Save yourself all that grief and let me help you create and design a personalized landscaping plan for you, without cost or obligation. I'll help you lay out an easy step-by-step program that can be worked out at your convenience. It doesn't matter if it takes a month, a year, or years to complete, but when finished it will look like a professional job. See me in the nursery department at our Lititz store and prevent those costly mistakes. I want to help you do it right

Waiting to serve you,
Dennis Hornish

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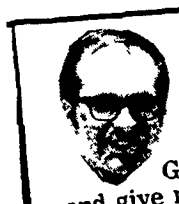

PRODUCE DEPARTMENT

Hi there,
Getting an idea should be like sitting down on a tack; it should make you get up and do something about it.
Get up now and come in to the Lititz store and give me your name, address, phone number, and the items you are interested in for canning and freezing. I'll be happy to contact you when the item is at its peak for quality and price. There is no charge or obligation for this service. This year the selection of fruits and vegetables is better than ever because there are many new growers supplying us with quality items. It is now pineapple season and apricots will soon be ready, so get in touch with me today. I'll notify you when the time is right

See you soon,
Ken Zimmerman

ICE COLD
WATERMELLON $1.75 None Higher
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CALIFORNIA
SEEDLESS GRAPES 49c LB
Reg. 79c

WESTERN GOLDEN
DELICIOUS APPLES 10 for 39c
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FRESH DUG
FLORIDA WHITE POTATOES ½ Peck 59c
Approx. 7 lb. Reg. 79c

PASCAL CELERY 2 Stalks 50c
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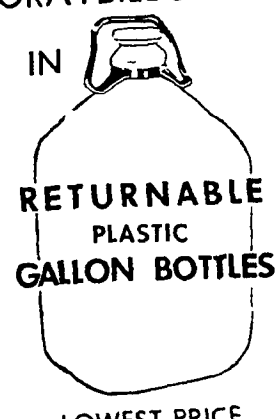
HULL PEAS 59c ½ Peck
Reg. 79c

STAUFFER'S FRESH MADE
CHERRY PIES 2 for $1.15

GRAYBILL'S MILK IN



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#3 ROHRERSTOWN
301 Rohrerstown Rd.
397-4717

#4 LEOLA
2270 New Holland Pk.
Rt. 23 656-2336

Rose Disease

(Continued From Page 30)

1971 was begun June 22 and ended September 28. From 1964 to 1966, the fungicide trials were carried out at a commercial nursery in West Grove They were moved to Longwood Gardens at Kennett Square in 1966 and are still underway there

Each plot includes five plants and each treatment is reproduced six times, so that 30 plants are involved in each treatment There are eight treatments, including a "no spray" treatment, to evaluate control of black spot and an equal number to evaluate control of powdery mildew

These annual trials of the most effective fungicides for control of black spot and powdery mildew on roses will be continued, Nichols and Nelson state One of their goals is to find a single fungicide that will control both black spot and powdery mildew.

Solanco FFA Chapter Plans Pheasant Hatching Project

Every year during the hay season many farmers accidentally mow over and kill setting pheasants Resulting from this accident, the eggs on which the hen was setting are usually lost

This year the Solanco FFA plant to help this situation by incubating abandoned, or orphan, eggs The plans are to hatch and raise the pheasants and return them to their original environment

With this project it is necessary that the FFA have the cooperation of the farmers who accidentally kill the pheasants. If you, or if you of anyone, who has mowed over and killed any setting pheasants, the Solanco FFA would appreciate you contacting any of the following members so that the eggs may be hatched.

Little Britain Township — Bill Hershey, 548-2234, or Merv Keener, 529-2747

Fulton Township — David Bitler, 548-2803.

Drumore Township — Steve Murphy, 548-3518.

East Drumore Township — Bill Krantz, 548-2427, or Wayne Kreider, 786-2626.

Eden Township — Agriculture Department, 786-2151.

Providence Township — Bob Gerhart, 786-7185, or Clyde Dearolf, 786-2078.

Bart Township — Ken Reinhart, 529-2846

Colerain Township — Tom Perry, 529-2371, or Mike Winters, 529-2916.

1972 March Milk Production Up Over 1971

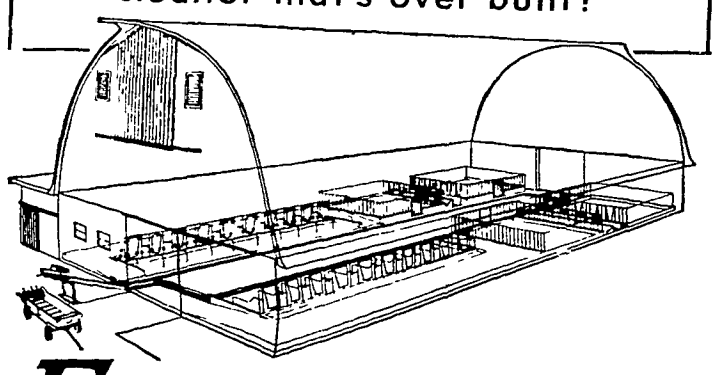
U.S. milk production during March, estimated at 10,440 million pounds (Milk Production, April), was two per cent higher than a year earlier. Production during the first quarter of 1972 is 2.2 per cent above the same period last year.

March milk production per cow was 852 pounds, three per cent more than last year and a record high in 30 of the 33 states with monthly estimates. California was highest at 1,040 pounds; Washington, 1,000 pounds; Minnesota, 970 pounds; and New York, 935 pounds.

DO YOU HAVE A PROBLEM WITH

YOUR PRESENT BARN CLEANER

Can you go wrong with a barn cleaner that's over built?



Farmway BUILT FOR BIG BARNS

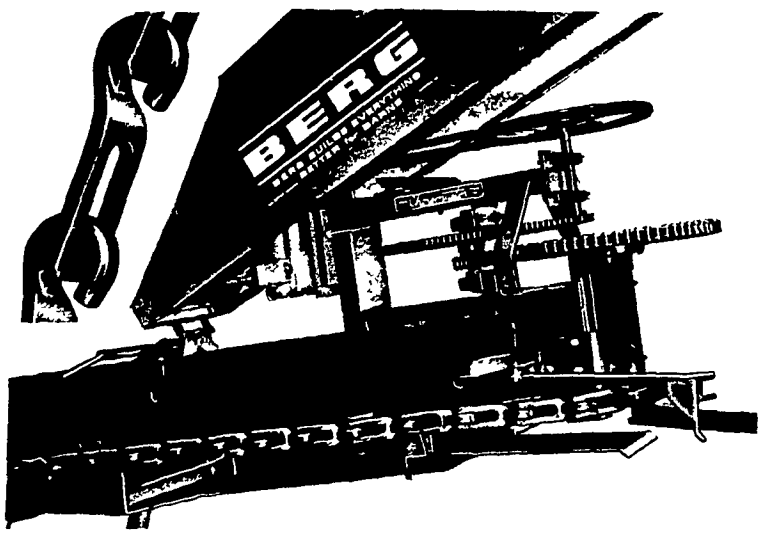
There's a Farmway barn cleaner for your barn. One unit will handle anything from a single gutter to 4 to 6 gutter set-ups.

Rugged drive unit. Here's strength and power for even the biggest barns Each part of the barn cleaner is designed to decrease drag Less maintenance, lower operating cost.

New nickel alloy, German made chains are optional. The ⅝" has a minimum breaktest of 54,000 lbs.

Steel elevator - 1 pc. seamless, heavy 10 ga. copper content steel plate No bolts or rivets

Never hurts to do a thing right Talk to a Farmway man, you'll see



NEW BERG BARN CLEANERS TO FIT ALL BARNS WITH THESE FEATURES

- Five tooth reversable drive sprocket
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- Drive units available in chain or gear drive
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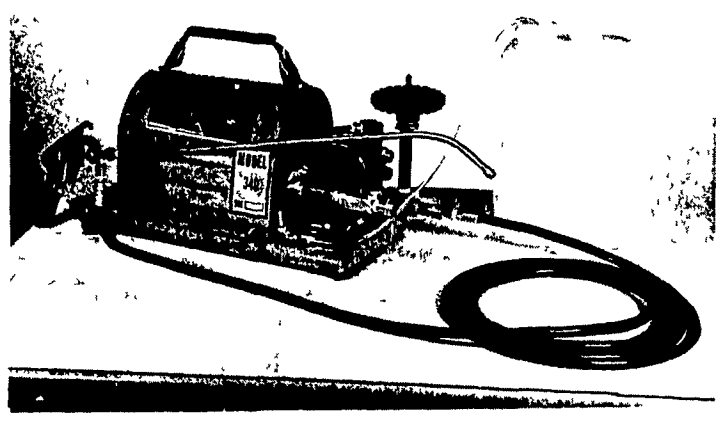

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Prices only until stock is gone
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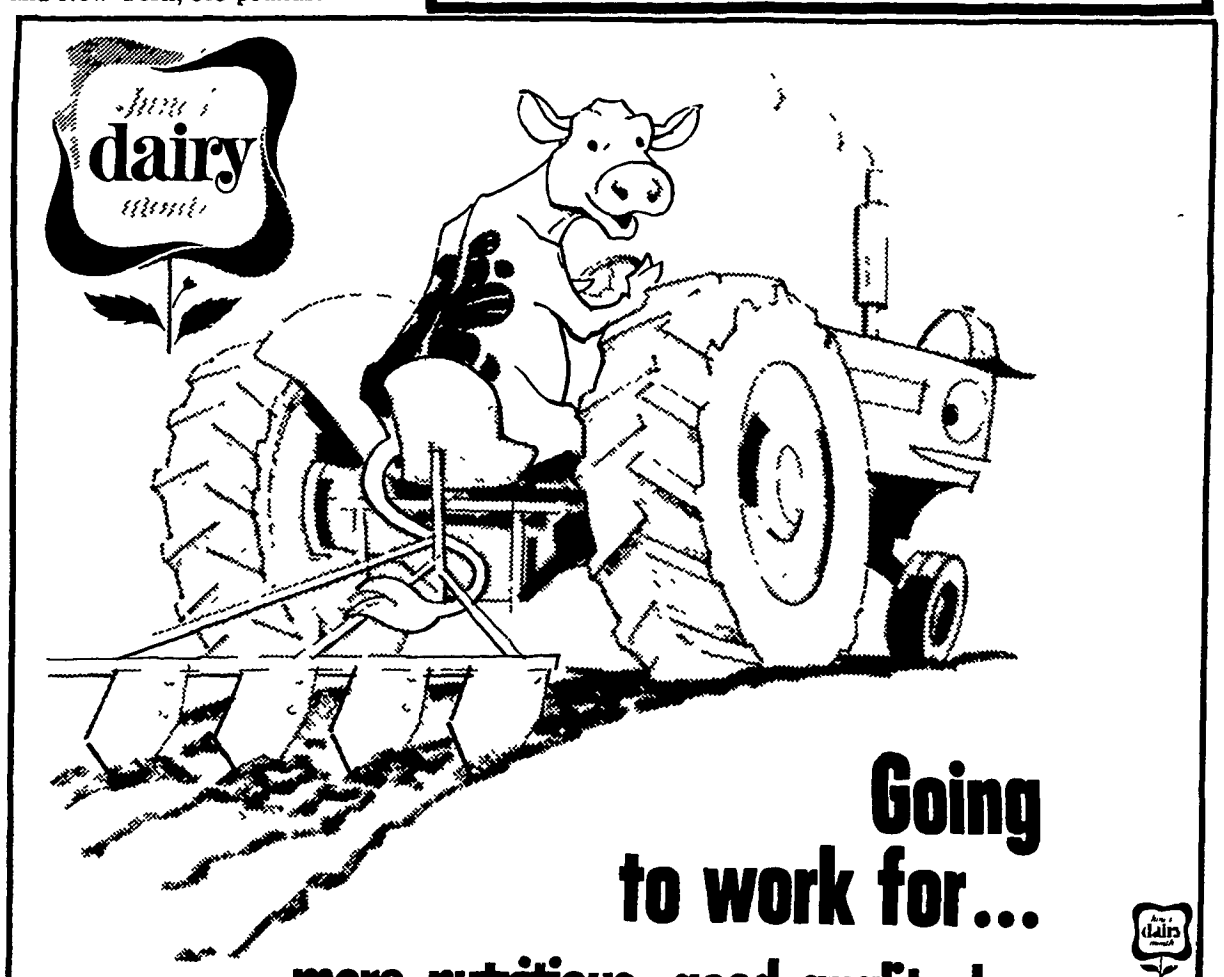

Going to work for...

more nutritious, good quality hay is important for top dairy production

From health-giving milk and natural butter to flavorful cheeses and popular ice cream, those wonderful dairy foods that start with the cow depend on some help from others, too

Modern farm machinery helps to produce and harvest feed crops faster and better .. to care for the cow and to milk her to make dairy farming more practical and profitable

But that's just part of the story It's the man who cares for the cow . the dairy farmer who makes the difference — with his hard work, his knowledge, experience and sound business management

We're proud to salute you, dairy farmers and proud to serve you with more efficient, more productive farm equipment for every dairying need.

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Most big dairies milk with a DeLaval Soft-touch Combine

because they get more milk with less work.
Shouldn't you be getting the same benefits?
Call us for a free estimate.

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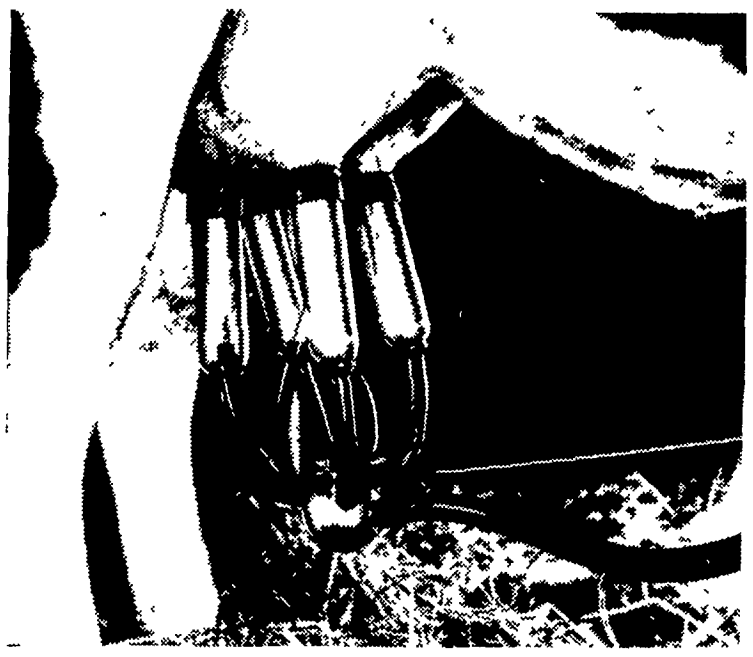
Blue Ball, Pa. Call 354-7481



April Milk Production, Use Reported by State

April milk production was equal to March in both total and per cow figures according to the Pennsylvania Crop Reporting Service, a joint venture of the Pennsylvania and U.S. Departments of Agriculture.

The state herd of 695,000 cows produced 626,000,000 pounds of milk during April for a per cow average of 900 pounds. The total is two per cent more than April, 1971, and the average is three per cent more as the number of milk cows was reduced by 9,000 in the past 12 months.

Total U.S. milk production for April at 10,655,000,000 pounds was up to two per cent from April a year ago. Total utilization of the milk in all forms -- liquid, ice cream, food preparation, etc. -- would result in a per capita daily consumption of 1.7 pounds, slightly more than 1½ pints.

Pennsylvania is the fifth leading state in milk production with cash receipts from dairy products representing 43 per cent of the billion dollar farm economy in the Keystone State.

Haying kept a lot of farmers busy this week - until the rains came. This alfalfa field was on the Don Hershey farm, near Manheim.

ANIMAL HEALTH AIDS *Our Specialty*
THIS IS WHY OUR PRICES ARE LOWER

- Medications For Dairy, Livestock, Pets
- New Butter-T-Dip
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Pole-type Farm Buildings

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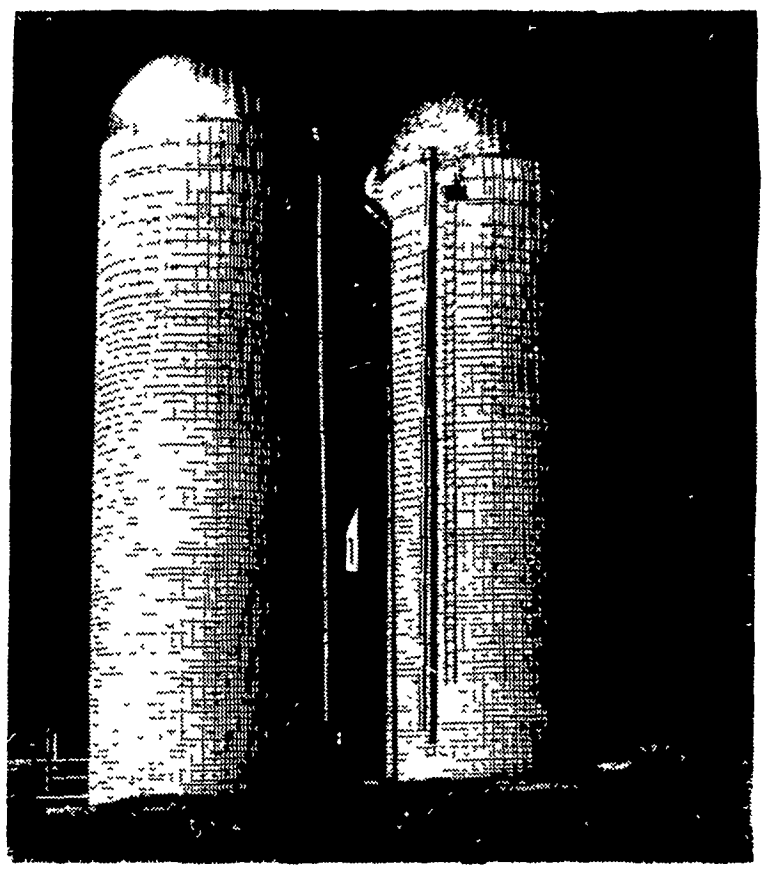
VIBRATED & CORRUGATED STAVE SILOS

Designed and Built For Strength



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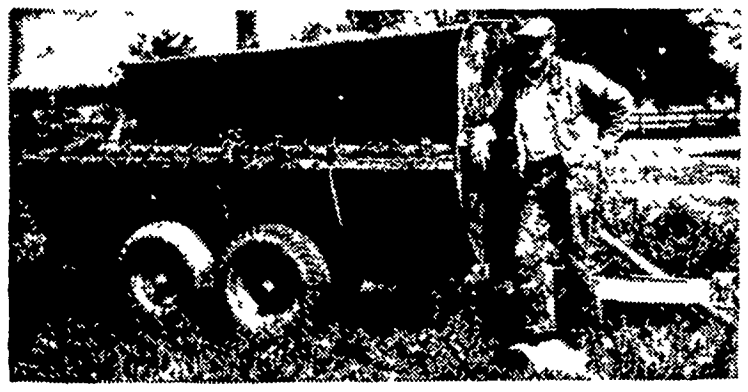
Hawk-Bilt — Farmers say "It's the one spreader that spreads cost and upkeep as well as manure."



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FARM EQUIPMENT

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INDIVIDUAL CALF STALLS

This is the successful stall for raising calves in environmental controlled barns. Veal — Dairy Beef — Herd Replacements. Stall size — inside 22 x 48; outside 22 x 60.

Advantages of the Frey elevated calf stalls. Reduced labor, Eliminating bedding, Controlled feeding, Lowering cost per calf, Reduce Calf losses, Cut stall upkeep to a minimum, Healthier calves In short, better management, Increased profits.

WHY NOT ORDER YOURS TODAY

FREY BROS.

R.D. 2 QUARRYVILLE, PA. PHONE 717-786-2235

Witmer's Guernsey Cows Produce High Records

Five registered Guernsey cows in the herd of Raymond F. and Louise A. Witmer, Willow Street, recently completed top official DHIR actual production records, according to The American Guernsey Cattle Club

Recognized for their records were

Naeflands Kebbie, 10-years-old, 15,530 pounds milk, 728 pounds butterfat in 305 days, Naeflands Nibbs, seven-years-old, 14,180 pounds of milk, 642 pounds butterfat in 305 days; Penn Del Brilliant Bloom, six-years-old, 14,980 pounds milk, 708 pounds butterfat in 305 days; Penn Del Brillian Lorna, senior-two year-old, 12,550 pounds milk, 567 pounds butterfat in 305 days; Penn Del Boys Milkway, junior-two-year-old, 10,520 pounds milk, 527 pounds butterfat in 305 days.

All cows were milked twice daily. The testing was supervised by Pennsylvania State University.

Preliminary Report on Licensed Dairy Imports

USDA issued a preliminary report on imports of cheese and other dairy products against licenses under import regulations. Import quotas and licensing requirements are in force on certain dairy products to prevent material interference with the dairy price support program.

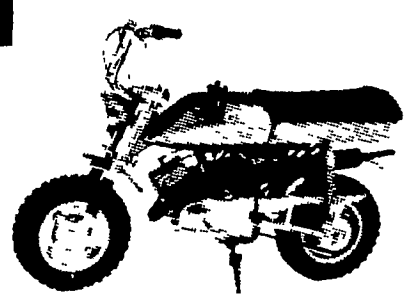
Among the cheese quotas, those on Cheddar, American-type other than Cheddar, Blue-mold, and natural Edam and Gouda cheeses were largely utilized. The Italian-type quotas showed a short-fall of about 40 per cent.

Imports under license of the so-called "pricebreak" cheeses were down; a considerable amount of low-fat cheese was shipped late in 1971, but because of dock strikes, came in early in 1972, the quotas on chocolate crumb were only about two-thirds filled; and the 6,000 pound quota on malted milk and the 500 pound quota on dried cream were not used.

Storm's Distance

You can tell how far away a thunderstorm is by watching the jagged streak of lightning, then counting off seconds until the thunder noise reaches you. Thunder travels one mile in five seconds. If it takes 15 seconds for the noise to reach you, you know the storm is three miles away

FUN-TO-GO
chibi
by rockford



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* 3 Speed Foot Shift
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* Folding Handlebars

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Refillable. Effective. Long-lasting.
NEW pfizer dust bags
control HORN FLIES and LICE on beef and dairy cattle with CO-RAL

There are two methods of using the Pfizer Dust Bag with beef and dairy cattle (1) free choice and (2) forced use

Reg. 14.95
SALE 11.95
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TERRAMYCIN
INJECTABLE SOLUTION
Regular 6.89
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200 CC BOTTLE

A sterile stable ready to use preparation for the administration of the broad antibiotic Terramycin by injection Useful in the prevention and treatment of many disease conditions Treat with more effectiveness and controls better than combiotic due to Terramycin 19069 141

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VAPONA DAIRY SPRAY
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A super fly killer for dairy and beef. Especially face flies. Ready to use. 20576-162

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Regular 1.49
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An easy to use spray for sores, minor wounds, surface cuts, scratches and abrasions of the skin. Helps prevent and controls superficial infections. Cleans and disinfects skin prior to making injections. 10 oz. Aerosol can. 19031-141

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Regular 1.19
99c

Easy to apply aerosol for prevention and treatment of pink eye in cattle and sheep. Also widely used to promot healing of superficial wounds 5½ oz. spray can.
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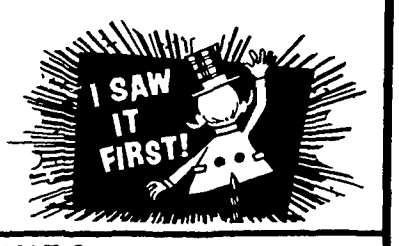
SHOP EARLY!



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$14.95

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* Holds 6 gallons
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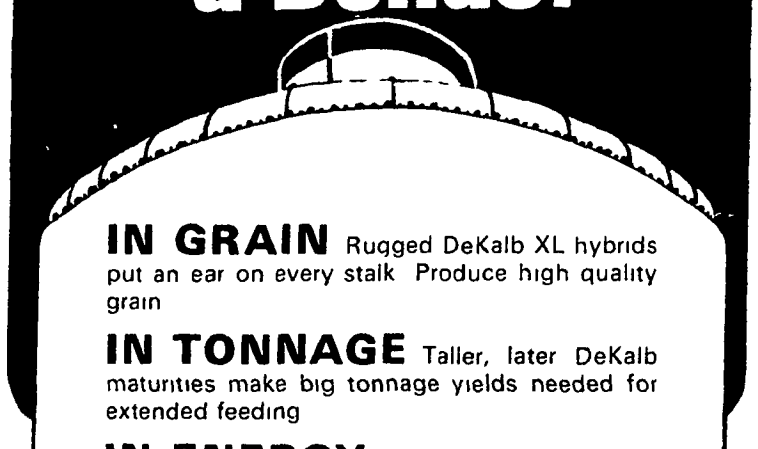

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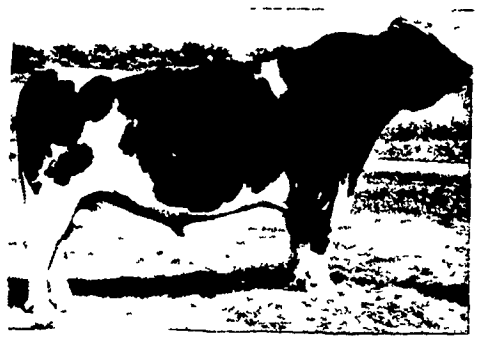

1879 WESTSIDE AB SEAMAN
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ABS sires dominate the May USDA Active AI Sire Summary with 10 bulls over +1000 lbs. pred. diff. for milk. The top 25 ABS bulls in this report average right at +1000 lbs. pred. diff. for milk

1879 WESTSIDE AB SEAMAN VG-86 USDA 5-72			
44 dtr 36 hds.	18,052	3.55 per cent	640BF
All herdmates		16,073	579BF
Diff.		+1999	+61BF
Rep. 72 per cent			
Pred Diff+$84	+1554	-.05 per cent	+49BF

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ABS Genetic Mating Service-- the mating program designed to help you make every generation count in your breeding program.
ABS Progeny Test Program-- the testing ground for 100 young sires each year-- against the toughest competition possible -- assures ABS of a continuing supply of great proven sires for fastest genetic progress in your herd.
ABS AI Management Schools-- the finest training for complete AI management of your herd

Next scheduled schools,
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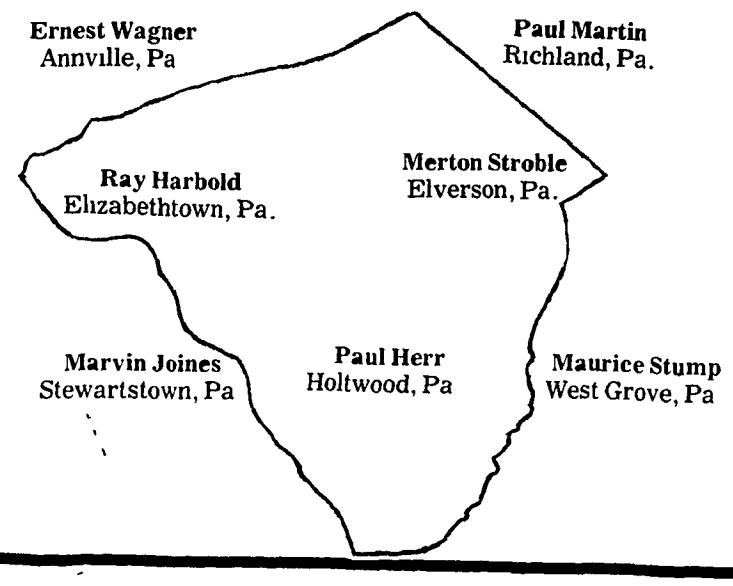
Quarryville, Pa — August 7-11

ABS SERVICE

Contact your ABS Representative listed below. You'll find his service is second to none!!!



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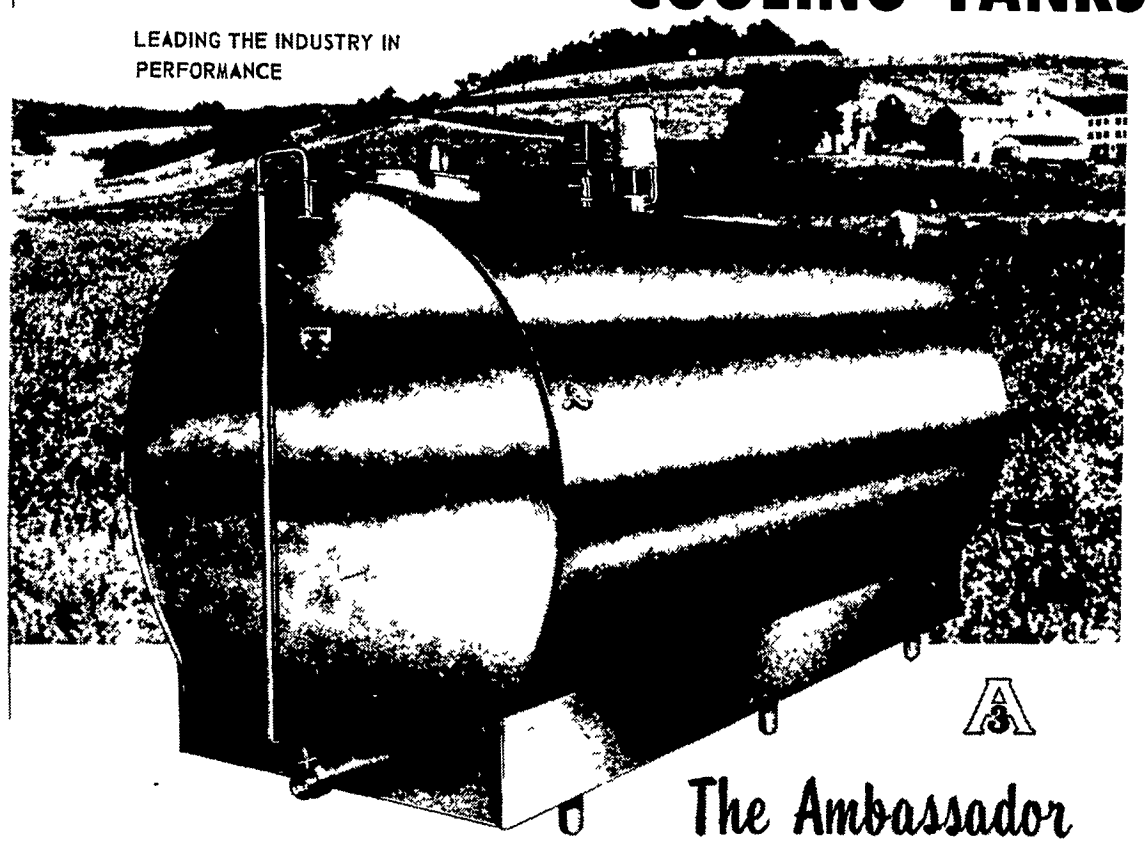

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Evaporated, Condensed And Dry Milk Down

Combined production of evaporated whole milk and sweetened condensed whole milk (case goods) in February 1972 was estimated at 85.0 million pounds by the Crop Reporting Board, six per cent below a year earlier. Prices paid by condenseries to producers for manufacturing grade milk during February averaged $4.93 per hundredweight, seven cents per pound above a year earlier

Production of spray and roller process nonfat dry milk in February totaled 100 0 million pounds, a decline of 11 per cent from February 1971. Selling prices for dry whole milk in February averaged 47 15 cents per pound for bulk goods, 0 06 cents above February 1971. Dry buttermilk (human food) averaged 29 77 cents per pound, 4 39 cents more than a year earlier

Dairy Scientists Learning More About Metabolism

Nutritionists made significant research advances in nitrogen metabolism of ruminants during 1971, Dr. Richard Goodrich, University of Minnesota animal scientist, reported in Washington, D.C. at the 20th Annual Pfizer Research Conference.

Several scientists reported measuring microbial protein synthesis in the rumen and the percentage of microbial protein derived from ammonia, Goodrich said. Other researchers showed that diet influences the amount of protein which reach the abomasum

Abomasal infusion of proteins has been used to describe changes that occur in the rumen, according to Goodrich. Aldehyde treatment of proteins was used in an attempt to increase the amount of dietary protein reaching the abomasum. He also mentioned a large number of reports concerned with the utilization of urea and other non-protein nitrogen materials

A new research area, Goodrich mentioned, is the use of chemicals to inhibit methane production in the rumen Methane production results in a sizeable loss of energy ruminant digestion. Therefore, materials which inhibit methane production may improve energy utilization Some of the 1971 data showed improvements in energy efficiency when these products were used.

He also mentioned the results of several mineral research projects but pointed out that there is much to be discovered with respect to the occurrence of subclinical mineral deficiencies and toxicities, mineral interrelationships and requirements.

The current interest in the disposal of crop and industry byproducts has stimulated researchers to evaluate these products as feeds for ruminants.

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390 MOWER
CONDITIONER

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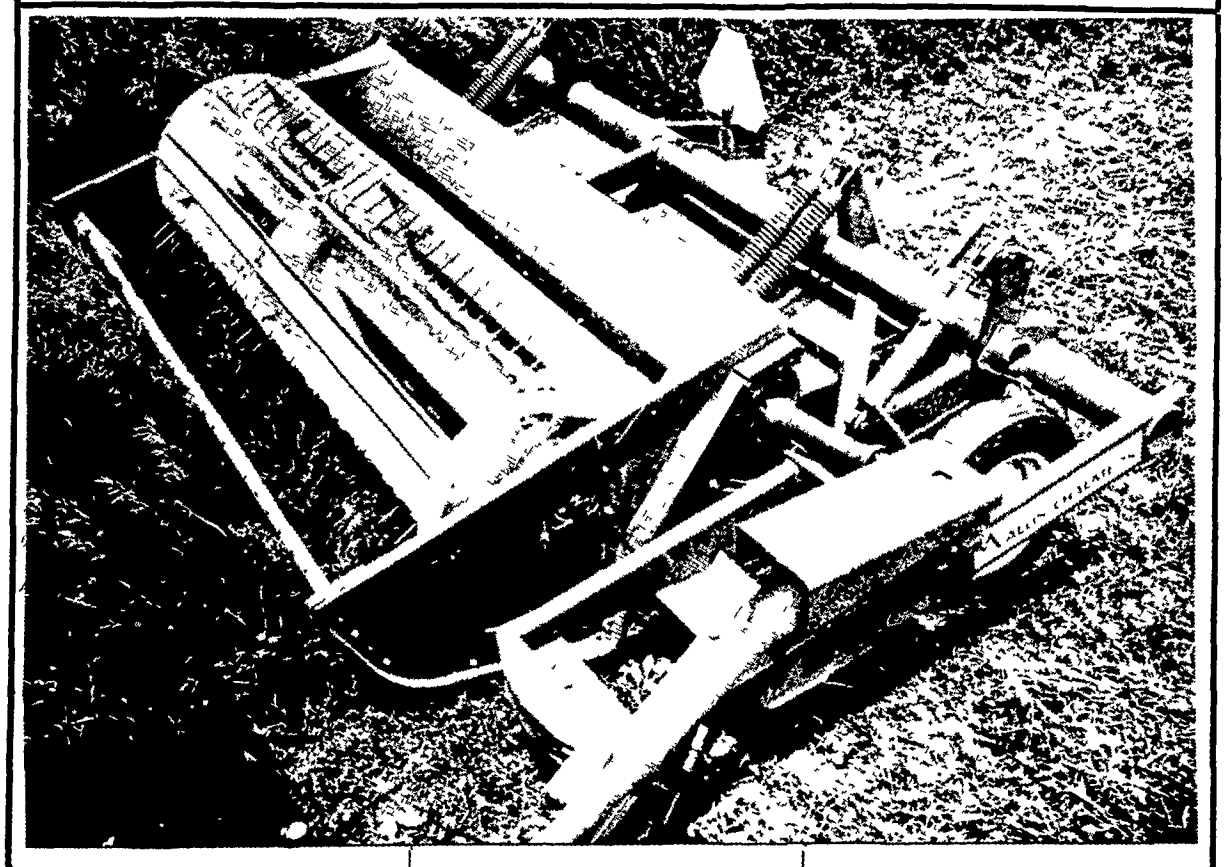

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Make More Milk... Make More Money

Beacon Golden Test Rations

C.A.F. — The Cow Acceptability Factor — determines how much grain your cows will eat. Beacon Golden Test milking rations are partially pelleted, contain a proven level of crimped corn for extra palatability. Even finicky eaters clean these feeds up well, responding with higher milk production than when fed less palatable feeds.

The Cow Acceptability Factor helps get more grain into your cows in critical periods of milk production. Call us today for Beacon Golden Test Rations with C.A.F.

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Leola, Pa.

Earl Sauder, Inc.
New Holland, Pa.

BEACON FEEDS

June is dairy month. Promotional tools like this blow-up cow are being used by dairy associations around the country to promote the use of milk and milk products.

Production of Ice Cream Up

Production of ice cream in the United States during March was estimated at 65,300,000 gallons, a record high for the month, the Crop Reporting Board reports, and one per cent higher than March 1971. Production of ice milk during March was set at 23,290,000 gallons, eight per cent higher than a year earlier, and a record high for the month.

March production of sherbet in the United States was estimated at 3,950,000 gallons, one per cent less than March a year ago. U.S. production of mellorine and other desserts made with fats and oils other than milk fat totaled 3,960,000 gallons in March, down six per cent from March 1971.

Soviet Decoration

The Soviet Union's highest military decoration is the Order of Victory, awarded to high officers of the army for successful campaigns. In 1945, the Russian government awarded this military decoration to Gen Dwight D Eisenhower.

Fix-It Tip

Eliminating condensation is a matter of doing many things, a trial and error process. Condensation occurs when warm, moisture-laden air hits a cold surface—basement walls, cold water pipes, toilet bowls Part of the cure is to eliminate some of the moisture before it enters the air.

Clothes dryers should be vented so that moisture escapes outdoors. Exhaust fans in kitchens will cut down some of the moist air in the house. There should be fans in bathrooms, too. Opening a window when washing clothes or cooking will help.

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FARM PAINTERS
BRUNING QUALITY PAINT
WE SPRAY IT ON AND BRUSH IT IN.
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PAUL Z. MARTIN'S CONSIGNMENT
FARM EQUIPMENT SALE
Wed., June 7, 1972
At 9:00 A.M.
To be held at my New Place of Business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland.
TRACTORS—
Large Equipment of All Kinds
Horse-drawn Equip., Dairy Equip.,
Tools, Posts, Lumber, Hay and Straw
NOTICE—Farmers and Dealers invited to bring your goods in to this sale. Please bring your goods in before sale days. Equipment brought in day of sale will be sold last.
NOTICE—We will have lots of Antique Equipment, Wagons and Small Collectors Items. Bring in your equipment, larger and better goods have been selling good and are worth more!
CASE 60-h.p. STEAM BOILER on Trailer with Steam Pans & Hose. 503 IH Combine, like new; 4-row IH corn planter, 2 years old; IH Baler, 3 years old.
We have Buyers for Hay and Straw - Our Commission $1 per ton.
SALE ORDER: Small Goods, 9 a.m.; Hay and Straw, 12 noon; Tractors, 1 p.m.; followed by Large Equipment. Notice NO POULTRY EQUIPMENT. Open 8 a.m. to 5 p.m.
Open Monday and Tuesday, June 5 and 6.
Paul Z. Martin
Blue Ball, Pa. Phone: 717-354-6671
Business - 768-8108
MARTIN AUCTIONEERS and Associates
NEXT SALE - JUNE 28th
HORSE SALE - WEDNESDAY EVENING, JUNE 14 at 6:00 p.m.

TRY A CLASSIFIED AD – IT PAYS!

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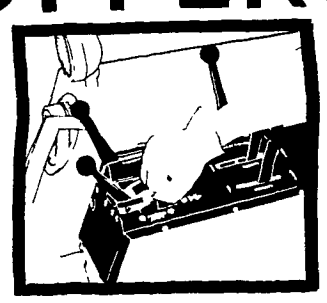
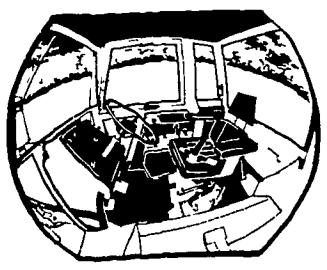
OFFERS



PROVEN FIELD TESTED ON THE GO SHIFTING



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MUNCY-CHIEF HYBRIDS, Muncy, Pennsylvania
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.....Please send FREE Catalog-Crop Note Book
.....Please send Wholesale Price List, I am a Dealer
.....I am interested in Dealership if my area is open
.....Please send Corn Contest Blanks and Award Sheet
Name.....
Address.....
Rd..... Phone.....
Acres Farmed.....Acres to Corn.....

Public Sale Register

SAT. JUNE 10-10:30 A.M. Public Sale of Antiques and Household Goods located at 217-219 North Second Streeet in the Borough of New Freedom, York Co., Pa. Terms by Carroll & Thelma Rohrbaugh; Robert L. Sechrist, Auctioneer.

WED. JUNE 7- 9 A.M.Paul Z. Martin's Consignment Farm Equipment Sale located 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland.

FRI. JUNE 9- 8 P.M. EDST Holstein Dairy Cattle Sale of 75 head Registered and Grade Cattle to be held in the dairy barn at the Aberdeen Sales Co. in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (Via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (Via U.S. 40 or 1-95). Sale by Aberdeen Sales Company, Sale Managers.

WED. EVE. JUNE 14- Paul Z. Martin's Horse Sale located 2 miles east of Intercourse along Route 340 and 4 miles south of New Holland, along New Holland Road. Horses Hitched at 1 p.m Sale starts at 6 p.m.

THURS. JUNE 22- 12:30 Noon Purebred Guernsey Sale at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penna Guernsey Breeders' Ass'n. P O. Box 458, Camp Hill, Pa. 17011.

Bush Roses Include Many Kinds

Bush roses are grouped into types according to their flowering habit, winter hardiness and other traits Horticulturists at Pennsylvania State University point out that bush roses include hybrid tea, floribunda, grandiflora, polyantha, hybrid perpetual, shrub, old fashioned, tree or standard, and miniature

Five Area Cows Cited for Lifetime Food Production

Lifetime milk and butterfat production levels for Registered Holstein cows in this area have been announced by the Holstein-Friesian Association of America The individual animals have been credited with career food production totals exceeding 100,000 pounds (46,500 quarts) of milk

Local Holstein breeders and their long-time producers include·

Donald S. Eby, Gordonville -- Breezy Glen Ivanhoe Polly Ann 5686609 (GP), 114,530 pounds of milk, 4,371 pounds of butterfat in 2,625 days; Breezy Glen Dean Mamie May 5686614 (GP), 105,190 pounds of milk, 4,290 pounds of butterfat in 2,533 days

J Mowery Frey and Son, Lancaster -- Fultonway Ivanhoe Lolita 5670731 (EX), 121,615 pounds of milk, 4,585 pounds of butterfat in 2,503 days, Fultonway Ivanhoe Cindy 5724400 (GP), 118,607 pounds of milk, 4,162 pounds of butterfat in 2,442 days

Henry E Kettering, Lititz -- Lucky Pabst Star 6566569 (VG), 100,686 pounds of milk, 3,585 pounds of butterfat in 1,893 days

Because of the high cost for herd replacements, cows that stay in the herd longer and achieve high lifetime production have proven to be more profitable The Holstein Association has over 41,700 cows on file that have attained the 50-ton production milestone

The official testing program is sponsored by the Association and supervised by the state and local testing organizations

Buying Plaid or Striped Fabric

You'll need to buy more fabric for matching plaids or stripes than when your fabric has a solid or all-over design Extension clothing specialist Mrs Rugh Ann Wilson at Pennsylvania State University, says the extra amount depends upon the size of the plaid or stripe and whether the design is even or uneven In general, an extra one-eighth yard will be needed

xxx

If separating eggs seems like a difficult task, just break the eggs into a small funnel The egg whites will slip through, the yolks won't

JUNE FEEDER SALE
June 16, 7 P.M.
ALL WEIGHTS, ALL GRADES
Vintage Sales Stables, Inc.
P.O. Box 100, Paradise, Pa.
10 Miles East of Lancaster, Pa. On U. S. Route 30
For more information call 717-442-4181 or 768-8204.
Kenneth Hershey, mgr.

Public Sale
Antiques and Household Goods
SATURDAY, JUNE 10, 1972
at 10:30 A.M. D.S.T.

Located at 217-219 North Second Street in the boro of New Freedom, York Co., Pa.

ANTIQUES

2 pc. corner cupboard (glass paned door on top & 3 drawers, & 2 doors on bottom section in beautiful cond.); round oak table w/lions paw feet & extra leafs; sets of 6 oak straight back chairs; bow front & side china closet with paw feet; zink lined dry sink; 3 pc. bedroom suite (double bed, dresser, wash stand in perfect cond.); 3 pc. oak bedroom suite; Windsor baby cradle; dough tray & lid; very unusual plank bottom chair type commode; plank bottom rocker; 3 plank bottom chairs; lg. dove tail chest w/compartment; several extra wash stands; misc. stands; cane seated chairs & rockers; slant top desk & bookcase comb.; chest of drawers; oak ext. table w/boards; 2 loaf trunks, small size; long bevel glass wall mirror; kitchen cabinet; walnut stand & chair; beautiful oak mantle clock; tall & fancy parlor stove; pot belly stove; iron dog; 3 Waltham & Elgin key wind pocket watches; milk glass dresser set; a lot of etched glass & stemware; goblets; water sets; Roseville pcs.; depression glass; Noritake; pressed glass, etc.; iron skillets; meat saws; buck saw; shoe lathes; tool chests; oil hand tools; stillard scales & 2 wts.; kerosene lamps; rayo-lamp; chamber pots; old books & Bibles; 3 burner oil stove; tinware; old coca cola trays; crocks; lots of beautiful crocheted round table cloths; bed spreads; doilies; 5 quilts (double wedding ring & others); coverlet; white counter pane; & many items too numerous to mention.

HOUSEHOLD GOODS

Very nice Westinghouse electric range; Hot Point refrigerator; 2 pc. living room suite; walnut knee hole desk; recliner chair; platform rocker; occasional chair; bedroom chair; Sylvania 21 in. console B & W television; hall stand & gold trim mirror; heavy brass floor lamps; table lamps; pie crust stand; Singer electric cabinet model sewing machine; Kirby sweeper & attachments; 5 pc. bedroom suite; matching box spring & mattress; cedar chest; Kelvinator wringer washer; double wash tubs; jars; roasters; canners; bottle capper; snack trays; electric fans; sewing cabinets; bedding; linens; table cloths; towels; service for 8 Bootenware; electric toaster; mixer; coffee pots; deep fryer; meat grinders; flatware etc.

Terms: cash or approved check

Carroll & Thelma Rohrbaugh
217-219 N. Second St.
New Freedom, Pa. owners

Robert L. Sechrist, auctioneer
Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents

Refreshment rights reserved

MR. DAIRYMAN CAN YOU MATCH THIS?

"We have been feeding McNess Dairy Premix to our herd of 52 milkers During the first month our milk production increased 14 lbs per cow per day and the test is 6 points higher. Our total feed cost is down substantially."

FARMERS NAME GIVEN ON REQUEST
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EAST EARL PA. 17519 PHONE 215-445-6983
SILAGE BOOSTER ON SPECIAL NOW
SHOVEL OR WRENCH FREE WITH 4 BOXES

HOLSTEIN DAIRY CATTLE SALE
75 HEAD OF REGISTERED & GRADE HOLSTEINS
FRIDAY JUNE 9, 1972
8 P.M. EDST

Sale to be held in the dairy barn at the ABERDEEN SALES CO. in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via U.S. 40 or I-95).

We will sell the complete herd from a farm in White Hall, Md This is a good working herd with 5 cows fresh in the last 60 days, balance milking and bred for fall freshening

Mr John Bell of Catlett, Va, will sell another fine group of fresh and close springing heifers In addition, we will sell one load of cows and heifers from Canada which are fresh or springing One of Harford Co 's top herds will be represented by 20 to 25 head of yearling heifers at this sale Other fine local cows and heifers of top quality have also been consigned

All animals are T B Accredited, Certified Bangs Free and tested within 30 days of sale for interstate shipment Milk weights, freshening dates, breeding and due dates will be available at sale time

We promise you a fine selection at this sale If you need replacements or additions to your herd, this is the place to come

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330 West State St
Box 2 RD1
Quarryville, Pa 17566
Ph. 786-3391

New York Dressed Meats

Dairy wholesale meat trade distributive less than carlot. Compared with Wednesday, prices 50c higher for steer and heifer beef Cow beef, calf and veal steady Spring lamb 50c higher Pork steady

Trading active and outlet dependable for bulk beef, calf and veal Demand only fair for lamb and pork Volume of beef, lamb and pork near normal Calf and veal moderate

Steer Beef

Prime 600 - 900 pounds 61 00 - 64 00 Choice 600 - 700 60 50 - 63 00 800 900 59 50 - 60.50, Good 500 - 800 58 00 - 59 50

Heifer Beef

Choice 500 - 700 pounds 59 50 - 61 25

Calf (Skin-Off)

Choice 150 - 350 pounds 79 00 - 83.00; Good 150 - 350 78.00 - 82.00, Standard 150 - 350 70.00 - 74.00.

Veal (Skin-Off)

Choice 90 - 150 pounds 93.00 - 101 00; Good 60 - 90 84.00 - 89.00, Standard 60 - 120 72.00 - 75 00.

Lamb

Choice and Spring Lamb 30 - 55 pounds 72 50 - 76.50.

Choice Beef Cuts

Hinds (Steer) 145 - 190 pounds 74 50 - 77 00, Arm Chucks 90 - 105 48 50 - 53.00; Ribs (7-rib) 34 - 40 75 00 - 79 00, Loins (trmd) 50 - 70 102 00 - 106 00, Rounds (Steer) 70 - 95 68.00 - 69 00, Full Plates 30.50 - 31 00, Hinds (Heifer) 120 - 170 72 50 - 74 50

Fresh Pork Cuts

Loins (regular) 8 - 14 pounds 60 00 - 64 50, 14 - 17 58 00 - 62 00; 17 - 20 49.00 - 51 00, Picnics (regular) 4 - 8 37.00 - 40.00; Boston Butts 4 - 8 48 00 - 50.50; Spareribs, three pounds down, 68.00 - 70.00, Hams (skinned) 14 - 17 51.00 - 53.00, 17 - 20 48.50 - 51.50.

Kosher Steer Beef

Prices 50c - $1.00 higher Wednesday.

Prime Fores 49 00 - 52.50; Choice 48.50 - 51.00.

Kosher Lamb

Prices fully $1.00 higher.

Prime Spring Foresaddles 75 00 - 79.00; Choice 74.00 - 79.00.

Tea Drinkers

People of Great Britain and Ireland are considered the world's greatest tea drinkers, consuming about 10 pounds per person annually

Future Trends In The Dairy Industry

What's in the future for the dairy industry? Better management and new products, according to Frank Groves, University of Wisconsin agricultural economist.

In the next ten years, the number of dairy farms will decline from the present 300,000 to slightly more than 200,000. At the same time, the total number of cattle will decrease from the present 12.4 million to slightly more than 11 million. However, the average herd size will be larger and production per cow will increase.

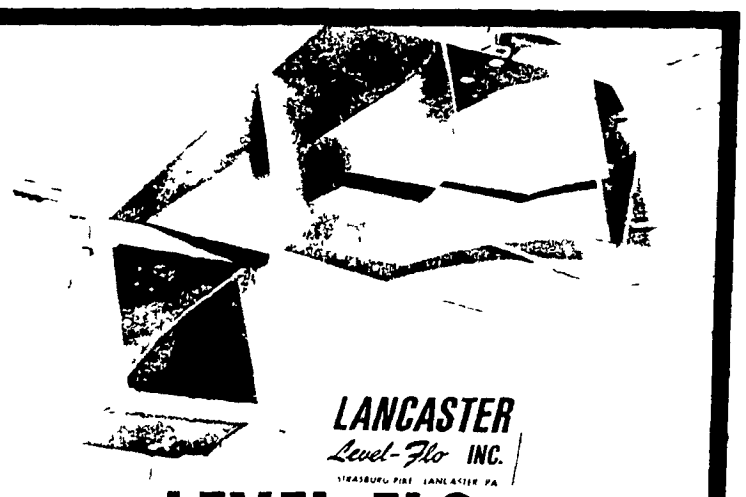
These trends indicate that the key to having a successful operation will be good management. Groves says that to be successful, the farmer will have to be well-educated and able to adapt to new technology, management and marketing techniques. Better management will enable the dairyman to double his production in the next decade

As with the dairy farms, processing plants will decrease in number and increase in size This trend will also call for more efficient management Rising labor costs will continue to force management to substitute machines for people.

The demand for food will naturally increase as the population increases, but the types of food desired will change.

It is estimated that the life cycle of a new food product is about five years. This means that two-thirds of the food products you will be eating in 1984, haven't even been developed. Most of these new products will be made by combining different parts of present foods such as dairy products.

As far as pure dairy foods are concerned, there will be a continued shift of consumer demand from high fat products, such as butter, whole milk and cream to products like skim and low fat milk. An exception is cheese which is not a low fat product but will increase in consumption.



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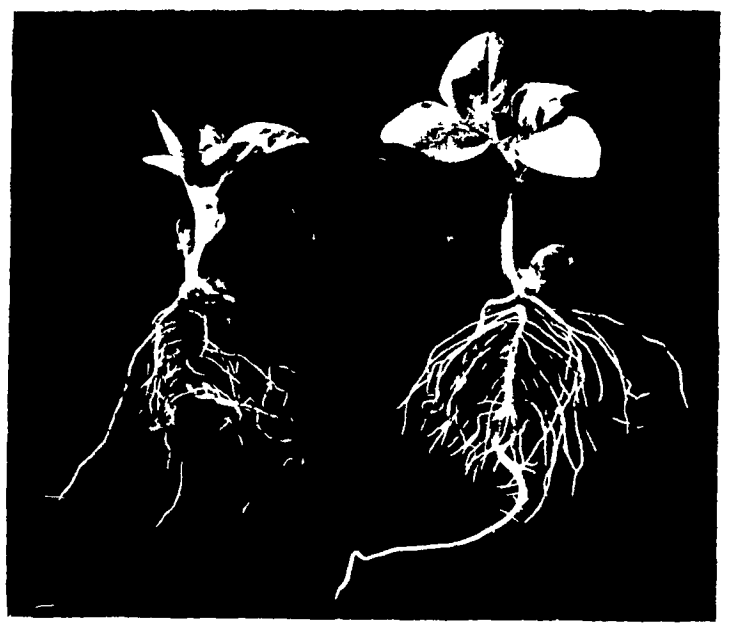
LIQUIFIED SEAWEED

Introduces The Trace Elements From The Sea For Root or Leaf Feeding of Corn, Tomatoes, Tobacco, Flowers, Lawns, Vegetables, Fruits & other Root Crops.

REDUCES TRANS-PLANT SHOCK



The root systems of the two plants.

BROAD BEAN PLANTS, above, show growth stimulation (right) from use of SEA-BORN over control plan (left) not fertilized with SEA BORN. Plant supplement and Leaf Spray.

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- Has 30 research centers in order to make better feeds for you ?

Puts 10 per cent of their pre-tax earnings into research for you?

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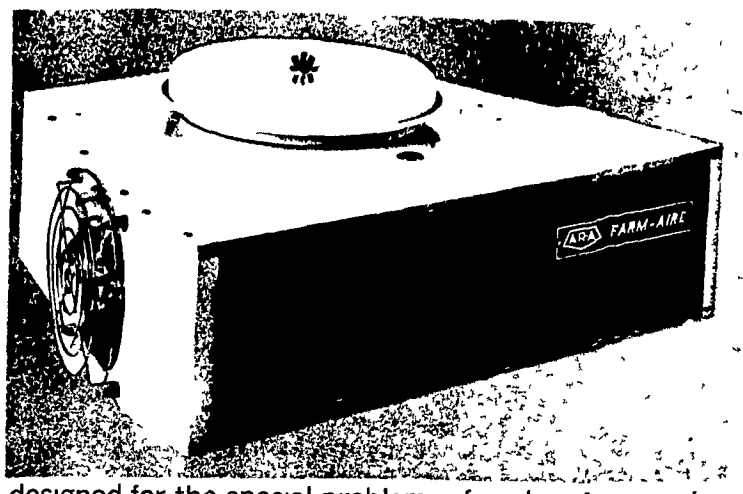

designed for the special problems of cooling farm and off-the-road equipment. The lightweight and efficient Farm Aire has extra-strength fan and blowers, dust proof thermostat and exclusive air mixing chamber. The cold rolled steel case is 28½" by 21" x 8".

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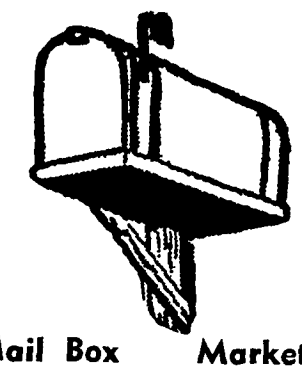

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For Sale - Surge SP11 milker pump with ¾ HP motor in excellent condition Phone 464-4070.

For Sale - Approximately 10 ton of good Barley straw at the barn. Phone 717-456-5467.

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16	1.12	2.69
17	1.19	2.86
18	1.26	3.03
19	1.33	3.20
20	1.40	3.36

KEYED ADS (Ads with answer coming to a Box Number, c-o Lancaster Farming): 50c additional.

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Ph. Lancaster 394-3047 or
Lititz 626-2191

Mail Box Market

For Sale - Shropshire and crossbred sheep, ewes, rams and lambs. Reasonably priced. Waron G Menhennett, Bryson Road, Cochranville, Pa. Phone 215-593-5726.

Notice - We are now ready to serve you in business, farm, wedding and family pictures We also do brochures, catalogues, etc. Everett Newswanger, photographer. Phone 394-4219.

For Sale - 2 McCormick Deering riding cultivators in good condition. David B. King, 1927 Horseshoe Road, Lancaster, Penna.

For Sale - Chore Time feeder, 3 lines, 220 ft each, 90 front row out nexts; 110 4 x 16 slats Phone 529-2512

Wants to Buy - Straw carrier for 22" Frick thresher For Sale - Ontario 10 Disc grain drill for parts. Aaron S Zook, RD1, Strasburg on White Oak Road, 1½ miles East of New Providence.

For Sale - John Deere 14T Baler, good condition $450 Straw $34 00 Phone 717-529-2803.

For Sale - 25 8 week old pigs Phone 464-2398.

Wanted - Carpenter work. Will built houses, pole barns, corn barns, garages or chicken houses. Write Samuel S Lapp, Christiana, Pa , Box 274, 17509 or Driver. Phone 529-2841

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD1 Strasburg, Pa PH: AC 717-786-2562

Mail Box Market

For Sale - VP4 Wisconsin engine with reduction gear Conde vacuum pump $40. Feed blower and paddle wheel for grinder mixer.

For Sale - 1952 Dodge truck with 9 ft stake dump, good tires, needs some repair $150. Phone 367-1861.

For Sale - Petter diesel engine 7½ HP with starter and alternator, good condition $500 Ezra Kilmer, Jr Ephrata RD2, South Farmersville Road

For Sale - 7 ft John Deere tractor mower, good condition, Also 3 unit Surge milkers and pump Phone 215-445-6453

Wanted to Buy - A Gander Call 1-301-378-3949 or write W C Carter, Box 41 E. Conowingo, Md 21918

For Sale - 4 row John Deere cultivator, fits on 50 or 60 John Deere Also AKC Registered German Shepherd pup Call 733-6802

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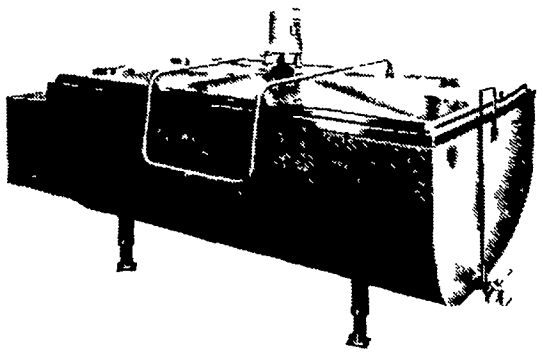
Notice - Custom pea shelling, clean, 1 block north of Hollinger's Farm Market along Weidmansville Road, Lloyd K Sensenig, Ephrata, Pa

For Sale - 2 service age Holstein bulls, Purebred, 1 by Gent and 1 by Performer Stephen R Glick, Leola RD1 at Millport

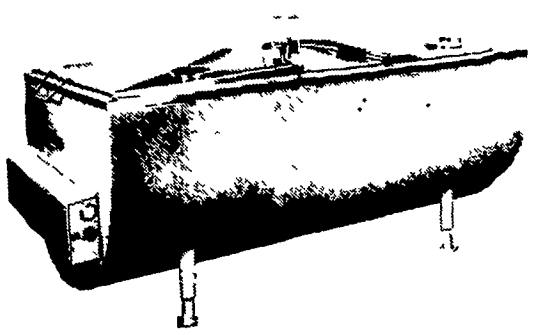
For Sale - 5 sheep, 1 ram, 7 lambs, bred Gilts, Boars, 50 to 300 lbs. mainly Yorkshire, some Landrace and Duroc selected from large litters Amos K Beiler, RD3, Quarryville, Pa Strasburg south to Mt Eden Church, first road right

BULK MILK COOLING THE CP WAY

CP MILKEEPERS COOL MILK FASTER AND MORE EFFICIENTLY

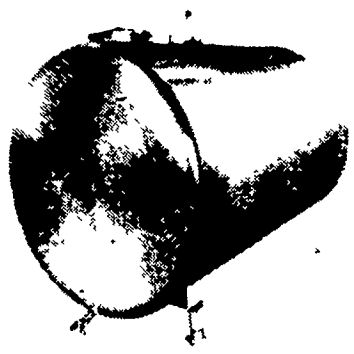


Choose the bulk tank equipped with the original dimple-type cooling plate (copied but never duplicated) for the fastest cooling farm tank available. CP MilKeepers are the bulk tanks with features that give better performance day by day, and add years of life to the tank, assuring high resale value.

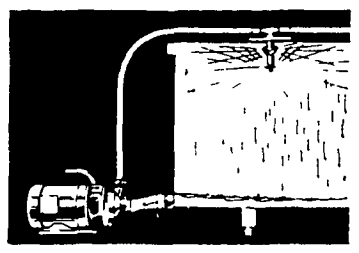


Factory-sealed, self-contained MilKeepers available from 100 to 500 gallon capacities. One-piece covers make cleaning fast and easy. Remote models with factory-installed refrigeration and electrical controls available in sizes 300 to 1,250 gallons.

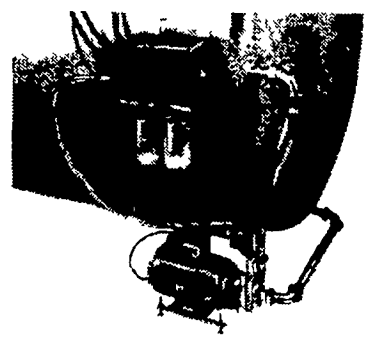
Heavy steel outer shell gives MilKeepers the rigidity to hold calibration year after year. It's a fact — MilKeepers resist distortion forces that could ruin a tank without a similar outer shell.



For producers with big herds, the new line of CP Cylindrical MilKeepers gives the same dependable service as the many thousands of MilKeepers already in use. Choose "big" MilKeepers in 1500-2000-2500-3000 gallon capacities. These tanks lend themselves readily to bulkheading. Larger sizes available on special order.



A KleenKeeper Kit, with recirculation pump and spray heads to fit strainer openings, will clean your MilKeeper in minutes. Continuous, powerful spray action cleans entire tank interior without brushing.



The CP built-in Automatic Washer for Cylindrical MilKeepers completely automates tank cleaning — from pre-rinse to final sanitizing Permanently mounted on tank to eliminate storage and handling problems. Also available for semi-automatic operation.

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Mail Box Market

For Sale - Sheep, black-faced Suffolk ram lamb, very nice. Was a triplet Would make good flock ram, $25 Manheim 665-5770

Wanted· Good used over head garage doors, 10 ft., 12 ft and 14 ft wide Also steel pipe, any length Call 733-6698, Elam Z. Zimmerman, Lititz RD No 4

For Sale - Landrace and Duroc Boars and Gilts, 100 lbs and up. Bred Gilts, Purebred or Crossbred on order. Harold Mummert, 6 miles Southwest of York, Phone 717-741-2170.

Wanted - A good set of caponizing tools Harold W Jacobs, Honey Grove, Pa 17035

For Sale - 1961 Chev ½ ton pickup, good condition $750 Call 717-733-7108 or 717-733-8770

For Sale - Agway liquid protein supplement feeder, good condition, best offer. 717-872-4238.

For Sale - 16 ft rubber belt type elevator with 4 ft ext, 2-row Hershey tobacco planter, 2-row Powell auto. planter Phone 872-2646

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